

AKADEMIK KOROLEV

Cruise AK-47-02
Preliminary Report

CTD DATA : STANDARD LEVEL LISTINGS

Anthony F. Amos

Note: Stations are numbered by their designated ship's station number followed by the CTD station number. There can be, therefore, more than one listing with the same ship's station number. This report contains only SeaBird Model SBE-9 stations, and **not** Model SBE-19 self-contained "SeaCat" stations.

Please report any discrepancies in station numbering or positions to:

Anthony F. Amos
The University of Texas at Austin
MARINE SCIENCE INSTITUTE
P.O. Box 1267
Port Aransas, Texas 78373
Telephone Number: (512) 749-6720

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EXPLANATION OF LISTINGS:

Listings contain a header line followed by the standard level data for each station. The station number is the ship's designated station, while the CTD # is the consecutive CTD station number. This includes both types of CTD's used on this cruise (the SBE-9 with a rosette sampler used for most of the stations and the SBE-19 "SEACAT" self-contained CTD). In this report, only stations taken with the former are listed, hence there are gaps in the sequential CTD #s. Each "standard" level (modified from here to accommodate the continuous nature of CTD sampling) has the following data columns. DEPTH(m); TEMP (C); THETA (potential temperature, C); SIG-T (sigma-T); SIG0 through SIG4 (potential density at 0, 1000, 2000, 3000 and 4,000 m); ANOM (specific volume anomaly - cl/ton); DYNHT (dynamic height anomaly - dyn. cm) and SVEL (sound velocity - m/sec).

DISKETTE DATA FORMAT:

A typical station listing is shown on next page. Data are in ASCII on a 5-1/4" high density diskette. Files are named as follows: NNN.LVL, where NNN is the **CTD** station number, including leading zeros. A single line header corresponds to that in the listings. In this version, a percent (%) sign precedes the longitude. Future versions will eliminate this character and will also contain the ship's station number. All columns in the lines that follow correspond to the data in the listings. CTD 008 is not listed due to problems, but will appear in the final diskette and data report.

EXAMPLE OF STANDARD LEVEL CTD STATION DISKETTE FILE

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189          2205 53  5.50 N %177 0.20 W 3744 8.1 1005.4 12.7 295
0  8.917  8.917 33.0165 25.578 25.601 30.107 34.531 38.857 43.092 239.5 0.00 1483.8
2  8.918  8.918 33.0171 25.578 25.601 30.109 34.531 38.857 43.092 239.5 0.48 1483.9
4  8.919  8.919 33.0163 25.577 25.600 30.109 34.531 38.856 43.091 239.6 0.96 1483.9
6  8.919  8.919 33.0163 25.577 25.600 30.108 34.531 38.856 43.091 239.7 1.44 1483.9
8  8.917  8.916 33.0162 25.577 25.601 30.109 34.531 38.857 43.091 239.7 1.92 1484.0
10 8.917  8.915 33.0166 25.578 25.601 30.109 34.531 38.857 43.092 239.7 2.40 1484.0
12 8.916  8.915 33.0166 25.578 25.601 30.109 34.531 38.857 43.092 239.7 2.88 1484.0
14 8.916  8.915 33.0167 25.578 25.601 30.109 34.531 38.857 43.092 239.7 3.35 1484.1
16 8.916  8.915 33.0166 25.578 25.601 30.109 34.531 38.857 43.092 239.8 3.83 1484.1
18 8.916  8.914 33.0166 25.578 25.601 30.109 34.531 38.857 43.092 239.8 4.31 1484.1
20 8.916  8.914 33.0166 25.578 25.601 30.109 34.531 38.857 43.092 239.8 4.79 1484.2
22 8.915  8.913 33.0166 25.578 25.602 30.110 34.531 38.857 43.092 239.9 5.27 1484.2
24 8.913  8.910 33.0167 25.579 25.602 30.110 34.532 38.858 43.093 239.8 5.75 1484.2
26 8.910  8.907 33.0165 25.579 25.602 30.110 34.532 38.858 43.093 239.9 6.23 1484.2
28 7.941  7.938 33.0587 25.760 25.781 30.312 34.753 39.097 43.349 222.8 6.71 1480.6
30 7.271  7.268 33.0894 25.881 25.901 30.446 34.901 39.258 43.522 211.5 7.16 1478.1
35 6.867  6.864 33.1038 25.948 25.967 30.522 34.986 39.350 43.622 205.2 8.22 1476.6
40 6.750  6.746 33.1086 25.968 25.986 30.545 35.010 39.377 43.651 203.5 9.24 1476.2
45 4.202  4.199 33.2172 26.359 26.372 30.995 35.517 39.937 44.262 166.7 10.26 1466.0
50 4.028  4.025 33.2090 26.371 26.383 31.010 35.537 39.961 44.290 165.6 11.09 1465.4
60 3.753  3.749 33.2498 26.431 26.443 31.077 35.610 40.040 44.375 160.0 12.75 1464.4
70 3.627  3.623 33.2795 26.467 26.478 31.116 35.651 40.085 44.422 156.7 14.35 1464.1
80 3.509  3.504 33.2966 26.492 26.503 31.144 35.682 40.118 44.457 154.3 15.91 1463.8
90 3.376  3.370 33.2970 26.505 26.516 31.160 35.702 40.141 44.483 153.2 17.46 1463.4
100 3.255  3.249 33.3080 26.525 26.536 31.183 35.728 40.169 44.514 151.3 18.99 1463.0
120 2.600  2.594 33.2859 26.566 26.576 31.241 35.802 40.259 44.619 147.5 22.02 1460.5
140 2.544  2.536 33.3066 26.587 26.597 31.264 35.825 40.284 44.645 145.6 24.97 1460.6
160 2.453  2.444 33.3210 26.606 26.616 31.286 35.849 40.310 44.672 143.8 27.88 1460.6
180 2.690  2.679 33.3755 26.630 26.640 31.302 35.859 40.314 44.671 141.7 30.75 1462.0
200 3.023  3.011 33.4319 26.645 26.656 31.309 35.857 40.303 44.652 140.5 33.59 1463.9
225 3.510  3.495 33.5607 26.702 26.714 31.353 35.888 40.322 44.659 135.5 37.10 1466.5
250 3.736  3.719 33.6371 26.740 26.753 31.385 35.914 40.342 44.674 132.1 40.49 1468.0
275 3.742  3.724 33.6952 26.786 26.799 31.430 35.958 40.386 44.717 128.0 43.79 1468.5
300 3.696  3.676 33.7397 26.826 26.839 31.471 36.000 40.428 44.760 124.4 46.99 1468.8
325 3.715  3.694 33.7966 26.869 26.883 31.514 36.041 40.469 44.800 120.5 50.10 1469.4
350 3.694  3.670 33.8513 26.914 26.928 31.560 36.087 40.515 44.846 116.4 53.11 1469.8
375 3.656  3.631 33.8907 26.949 26.964 31.596 36.123 40.552 44.883 113.2 56.02 1470.1
400 3.634  3.607 33.9179 26.973 26.987 31.620 36.148 40.576 44.908 111.2 58.85 1470.4
450 3.613  3.583 33.9761 27.022 27.036 31.669 36.196 40.625 44.957 107.0 64.41 1471.3
500 3.518  3.484 34.0352 27.078 27.093 31.727 36.256 40.687 45.021 101.9 69.76 1471.8
550 3.448  3.411 34.0832 27.123 27.138 31.774 36.304 40.736 45.071 98.0 74.85 1472.4
600 3.361  3.321 34.1265 27.166 27.181 31.819 36.350 40.784 45.120 94.2 79.75 1472.9
650 3.308  3.264 34.1600 27.198 27.213 31.853 36.384 40.819 45.156 91.5 84.46 1473.5
700 3.239  3.192 34.1944 27.232 27.247 31.888 36.421 40.857 45.196 88.6 89.04 1474.1
750 3.173  3.123 34.2221 27.260 27.275 31.919 36.453 40.890 45.230 86.2 93.47 1474.7
800 3.109  3.056 34.2448 27.284 27.300 31.944 36.479 40.918 45.259 84.1 97.78 1475.3
850 3.040  2.984 34.2694 27.310 27.326 31.973 36.509 40.948 45.291 81.9 101.98 1475.8
900 2.982  2.922 34.2885 27.331 27.347 31.995 36.532 40.973 45.316 80.2 106.08 1476.5
950 2.896  2.832 34.3131 27.358 27.374 32.025 36.563 41.006 45.352 77.7 110.09 1477.0
1000 2.824  2.758 34.3330 27.381 27.397 32.049 36.589 41.033 45.380 75.8 113.97 1477.5
1250 2.517  2.435 34.4150 27.473 27.490 32.152 36.694 41.147 45.500 67.8 132.92 1480.5
1500 2.246  2.147 34.4785 27.547 27.564 32.234 36.781 41.240 45.599 61.3 149.86 1483.6
1750 2.025  1.909 34.5280 27.605 27.623 32.299 36.849 41.313 45.676 56.2 165.18 1486.9
2000 1.874  1.740 34.5615 27.644 27.662 32.343 36.895 41.363 45.729 52.9 179.23 1490.6
2250 1.769  1.615 34.5849 27.671 27.690 32.375 36.939 41.383 45.766 50.8 192.46 1494.4
2500 1.689  1.514 34.6031 27.691 27.712 32.399 36.964 41.410 45.794 49.4 205.17 1498.4
2750 1.636  1.440 34.6157 27.706 27.728 32.417 36.980 41.428 45.813 48.5 217.51 1502.5
3000 1.606  1.387 34.6243 27.715 27.738 32.429 36.991 41.439 45.825 48.3 229.65 1506.7

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R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 1

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN		LONGITUDE DEG MIN		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
1	003	29	7	1988	0122	57	32.2 N	174	29.9 W	3115	8.6	1005.6	7.2	135

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
2	8.870	8.870	32.5924	25.254	25.277	29.789	34.215	38.544	42.783	270.3	0.54	1483.1
4	8.873	8.872	32.5932	25.254	25.277	29.790	34.215	38.545	42.783	270.4	1.08	1483.2
6	8.860	8.860	32.5929	25.256	25.279	29.791	34.217	38.547	42.785	270.2	1.62	1483.2
8	8.859	8.858	32.5914	25.255	25.278	29.791	34.217	38.546	42.784	270.4	2.16	1483.2
10	8.861	8.860	32.5919	25.255	25.278	29.791	34.217	38.546	42.785	270.4	2.70	1483.2
12	8.817	8.815	32.5959	25.265	25.288	29.802	34.228	38.559	42.798	269.5	3.24	1483.1
14	8.530	8.529	32.6450	25.348	25.370	29.890	34.322	38.657	42.901	261.7	3.78	1482.1
16	8.545	8.544	32.7141	25.400	25.422	29.941	34.372	38.707	42.950	256.8	4.31	1482.3
18	8.477	8.475	32.7261	25.419	25.442	29.962	34.394	38.731	42.975	255.0	4.82	1482.1
20	8.403	8.401	32.7447	25.445	25.467	29.989	34.423	38.760	43.006	252.6	5.33	1481.9
22	8.329	8.327	32.7502	25.461	25.483	30.006	34.441	38.780	43.027	251.1	5.83	1481.6
24	8.265	8.263	32.7610	25.479	25.501	30.025	34.462	38.802	43.050	249.5	6.34	1481.4
26	8.321	8.318	32.7953	25.497	25.519	30.043	34.478	38.816	43.063	247.7	6.84	1481.7
28	8.306	8.303	32.7925	25.497	25.519	30.043	34.478	38.817	43.064	247.8	7.33	1481.7
30	8.145	8.142	32.7884	25.518	25.540	30.067	34.506	38.848	43.098	245.8	7.83	1481.1
35	7.076	7.072	32.7645	25.653	25.672	30.225	34.686	39.049	43.319	233.2	9.06	1477.0
40	6.516	6.512	32.8104	25.764	25.782	30.349	34.821	39.195	43.476	222.8	10.22	1474.9
45	6.262	6.258	32.8296	25.812	25.830	30.402	34.880	39.260	43.545	218.3	11.34	1474.0
50	5.308	5.304	32.8836	25.972	25.987	30.584	35.083	39.482	43.786	203.3	12.43	1470.3
60	4.874	4.869	32.9576	26.081	26.095	30.702	35.210	39.618	43.930	193.2	14.46	1468.8
70	4.475	4.470	33.0216	26.175	26.189	30.805	35.322	39.739	44.059	184.3	16.39	1467.3
80	4.023	4.017	33.0985	26.284	26.296	30.924	35.452	39.877	44.207	174.1	18.24	1465.7
90	3.807	3.801	33.1248	26.326	26.338	30.972	35.504	39.935	44.269	170.1	19.98	1465.0
100	3.656	3.649	33.1511	26.362	26.374	31.011	35.547	39.981	44.318	166.8	21.68	1464.5
120	3.380	3.373	33.1915	26.421	26.432	31.077	35.619	40.059	44.401	161.3	25.01	1463.8
140	3.215	3.207	33.2314	26.468	26.479	31.128	35.674	40.117	44.463	157.0	28.24	1463.4
160	3.022	3.013	33.2582	26.507	26.518	31.172	35.722	40.169	44.520	153.3	31.38	1463.0
180	3.000	2.990	33.2765	26.523	26.534	31.189	35.739	40.187	44.538	151.9	34.45	1463.2
200	2.986	2.974	33.3032	26.546	26.557	31.212	35.762	40.210	44.561	149.9	37.48	1463.5
225	3.092	3.079	33.3510	26.574	26.586	31.238	35.784	40.230	44.578	147.3	41.23	1464.5
250	3.254	3.238	33.4296	26.622	26.634	31.281	35.823	40.264	44.607	143.0	44.91	1465.7
275	3.516	3.498	33.5108	26.661	26.674	31.313	35.848	40.282	44.620	139.6	48.49	1467.3
300	3.790	3.770	33.6141	26.716	26.730	31.360	35.888	40.315	44.646	134.7	51.98	1469.0
325	3.830	3.808	33.6782	26.763	26.777	31.407	35.932	40.358	44.687	130.5	55.35	1469.7
350	3.822	3.798	33.7279	26.803	26.818	31.447	35.972	40.397	44.727	126.9	58.61	1470.2
375	3.781	3.755	33.7860	26.854	26.868	31.498	36.023	40.449	44.779	122.3	61.78	1470.5
400	3.738	3.711	33.8333	26.896	26.910	31.540	36.066	40.493	44.824	118.5	64.84	1470.8
450	3.655	3.624	33.9065	26.962	26.977	31.609	36.136	40.564	44.896	112.6	70.77	1471.3
500	3.570	3.536	33.9737	27.024	27.039	31.672	36.201	40.630	44.963	107.1	76.40	1471.9
550	3.485	3.448	34.0328	27.079	27.094	31.730	36.259	40.690	45.025	102.1	81.75	1472.4
600	3.406	3.365	34.0852	27.129	27.144	31.781	36.312	40.745	45.080	97.8	86.86	1473.0
650	3.333	3.289	34.1315	27.173	27.188	31.827	36.358	40.792	45.130	93.9	91.75	1473.6
700	3.277	3.230	34.1623	27.202	27.218	31.858	36.391	40.826	45.164	91.4	96.44	1474.2
750	3.227	3.177	34.1891	27.229	27.244	31.886	36.419	40.855	45.194	89.2	101.01	1474.9
800	3.168	3.115	34.2156	27.255	27.271	31.914	36.448	40.885	45.226	86.9	105.47	1475.5
850	3.075	3.018	34.2423	27.285	27.301	31.947	36.482	40.921	45.264	84.3	109.82	1476.0
900	2.980	2.920	34.2773	27.322	27.338	31.986	36.523	40.964	45.308	81.0	114.03	1476.4
950	2.880	2.816	34.3189	27.364	27.380	32.031	36.570	41.013	45.359	77.1	118.08	1476.9
1000	2.824	2.757	34.3350	27.382	27.398	32.050	36.591	41.035	45.382	75.6	121.94	1477.5
1250	2.491	2.408	34.4241	27.483	27.499	32.162	36.705	41.158	45.512	66.8	140.84	1480.4

1500	2.216	2.117	34.4917	27.560	27.577	32.248	36.795	41.255	45.614	60.0	157.54	1483.5
1750	2.010	1.894	34.5395	27.615	27.633	32.310	36.860	41.324	45.688	55.2	172.53	1486.9
2000	1.840	1.706	34.5776	27.659	27.678	32.359	36.912	41.380	45.748	51.4	186.33	1490.5
2250	1.754	1.600	34.5981	27.682	27.702	32.387	36.951	41.396	45.779	49.7	199.17	1494.4
2500	1.697	1.522	34.6123	27.698	27.719	32.405	36.970	41.416	45.800	48.8	211.59	1498.5
2750	1.632	1.436	34.6277	27.715	27.738	32.427	36.990	41.438	45.823	47.6	223.79	1502.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 2

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
2	005	29	7	1988	0845	57	30.0 N	175	31.1 W	2689	8.5	1005.9	6.7	96

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	8.675	8.675	32.3921	25.128	25.150	29.667	34.100	38.434	42.677	282.4	0.00	1482.1
2	8.608	8.608	32.4090	25.152	25.174	29.693	34.126	38.461	42.705	280.2	0.56	1481.9
4	8.660	8.659	32.3942	25.132	25.154	29.673	34.104	38.439	42.682	282.0	1.12	1482.1
6	8.620	8.619	32.4033	25.145	25.168	29.687	34.119	38.455	42.698	280.8	1.69	1482.0
8	7.991	7.990	32.4855	25.304	25.325	29.858	34.303	38.649	42.904	265.9	2.25	1479.7
10	7.772	7.771	32.4645	25.320	25.340	29.879	34.328	38.679	42.938	264.5	2.78	1478.9
12	7.721	7.720	32.4657	25.328	25.348	29.888	34.338	38.690	42.950	263.7	3.31	1478.7
14	7.643	7.641	32.4695	25.342	25.362	29.904	34.355	38.709	42.970	262.4	3.84	1478.5
16	7.557	7.555	32.4789	25.362	25.382	29.926	34.379	38.734	42.997	260.6	4.36	1478.2
18	7.593	7.592	32.5032	25.376	25.396	29.938	34.390	38.745	43.007	259.3	4.88	1478.4
20	7.627	7.625	32.5138	25.379	25.399	29.941	34.392	38.746	43.007	259.0	5.40	1478.6
22	7.557	7.555	32.5016	25.380	25.399	29.943	34.396	38.751	43.014	259.0	5.92	1478.3
24	6.974	6.972	32.6428	25.572	25.590	30.147	34.611	38.977	43.250	240.9	6.44	1476.2
26	6.674	6.672	32.6039	25.581	25.599	30.163	34.634	39.006	43.285	240.0	6.92	1475.0
28	6.370	6.368	32.7117	25.706	25.723	30.294	34.771	39.148	43.432	228.3	7.40	1474.0
30	6.342	6.339	32.6337	25.648	25.665	30.237	34.715	39.094	43.379	233.8	7.85	1473.8
35	5.587	5.584	32.6412	25.748	25.763	30.355	34.849	39.244	43.544	224.4	9.02	1470.9
40	4.730	4.727	32.6964	25.890	25.904	30.517	35.030	39.443	43.760	211.1	10.15	1467.5
45	4.536	4.533	32.7160	25.927	25.940	30.558	35.076	39.493	43.814	207.7	11.20	1466.8
50	4.264	4.260	32.7567	25.988	26.000	30.625	35.149	39.572	43.899	201.9	12.24	1465.8
60	4.256	4.252	32.8627	26.073	26.085	30.709	35.233	39.655	43.981	194.0	14.26	1466.0
70	4.043	4.038	32.8785	26.107	26.119	30.749	35.277	39.704	44.035	190.8	16.20	1465.3
80	3.967	3.962	32.9270	26.153	26.166	30.796	35.326	39.755	44.087	186.5	18.11	1465.2
90	3.886	3.880	32.9725	26.197	26.210	30.842	35.374	39.804	44.137	182.3	19.97	1465.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 2

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
2	007	29	7	1988	1007	57	30.7 N	175	31.5 W	2469	8.5	1005.9	6.7	96

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	8.593	8.593	32.4049	25.151	25.173	29.691	34.126	38.461	42.706	280.2	0.00	1481.8
2	8.593	8.592	32.4049	25.151	25.173	29.693	34.126	38.461	42.706	280.3	0.56	1481.8
4	8.592	8.592	32.4053	25.151	25.173	29.694	34.126	38.462	42.706	280.2	1.12	1481.9
6	8.593	8.593	32.4049	25.151	25.173	29.693	34.125	38.461	42.706	280.3	1.68	1481.9
8	8.416	8.415	32.4261	25.194	25.216	29.740	34.176	38.515	42.763	276.2	2.24	1481.3
10	8.033	8.032	32.4871	25.299	25.320	29.853	34.296	38.642	42.896	266.4	2.79	1479.9
12	7.997	7.996	32.4892	25.306	25.327	29.860	34.304	38.651	42.905	265.7	3.33	1479.8
14	7.917	7.915	32.5288	25.349	25.370	29.904	34.350	38.698	42.954	261.7	3.86	1479.6
16	7.796	7.795	32.4941	25.339	25.360	29.898	34.346	38.696	42.955	262.7	4.38	1479.1
18	7.582	7.580	32.5222	25.392	25.412	29.955	34.407	38.762	43.024	257.7	4.91	1478.4
20	7.449	7.447	32.4721	25.372	25.391	29.938	34.393	38.751	43.015	259.7	5.42	1477.8
22	7.210	7.208	32.4990	25.426	25.445	29.997	34.458	38.820	43.089	254.6	5.94	1477.0
24	6.958	6.956	32.5075	25.467	25.486	30.044	34.509	38.876	43.150	250.8	6.45	1476.0
26	6.613	6.611	32.5253	25.527	25.545	30.111	34.584	38.958	43.239	245.2	6.95	1474.7
28	6.402	6.400	32.5548	25.578	25.595	30.167	34.644	39.022	43.306	240.4	7.44	1473.9
30	6.365	6.362	32.5631	25.590	25.607	30.179	34.657	39.036	43.321	239.3	7.92	1473.8
35	4.995	4.992	32.6801	25.848	25.862	30.468	34.976	39.383	43.695	215.1	9.12	1468.5
40	4.622	4.619	32.7117	25.914	25.927	30.543	35.059	39.474	43.794	208.8	10.20	1467.0
45	4.518	4.515	32.7647	25.967	25.980	30.598	35.116	39.533	43.855	203.8	11.24	1466.8
50	4.390	4.386	32.7918	26.002	26.015	30.636	35.157	39.577	43.901	200.6	12.26	1466.3
60	4.159	4.155	32.8524	26.074	26.087	30.714	35.239	39.664	43.992	193.8	14.27	1465.6
70	3.935	3.931	32.9138	26.146	26.158	30.790	35.321	39.750	44.083	187.1	16.20	1464.9
80	3.964	3.958	32.9698	26.188	26.200	30.831	35.360	39.788	44.120	183.2	18.07	1465.3
90	3.901	3.895	32.9834	26.205	26.217	30.849	35.380	39.810	44.143	181.7	19.91	1465.2
100	3.821	3.815	33.0008	26.226	26.239	30.873	35.406	39.837	44.171	179.7	21.72	1465.0
120	3.779	3.771	33.0531	26.272	26.284	30.920	35.453	39.884	44.219	175.5	25.32	1465.3
140	3.706	3.697	33.0997	26.316	26.329	30.966	35.500	39.933	44.269	171.4	28.83	1465.4
160	3.582	3.572	33.1587	26.375	26.387	31.027	35.564	39.999	44.338	165.9	32.25	1465.2
180	3.489	3.478	33.1869	26.407	26.419	31.061	35.599	40.037	44.377	163.1	35.57	1465.2
200	3.402	3.389	33.2138	26.436	26.448	31.092	35.633	40.072	44.414	160.3	38.83	1465.2
225	3.271	3.257	33.2476	26.476	26.487	31.135	35.678	40.120	44.465	156.7	42.84	1465.1
250	3.116	3.101	33.2641	26.503	26.515	31.166	35.713	40.159	44.507	154.2	46.76	1464.9
275	3.047	3.030	33.3006	26.538	26.550	31.203	35.751	40.198	44.547	151.0	50.61	1465.0
300	3.151	3.133	33.3666	26.581	26.593	31.243	35.788	40.232	44.579	147.1	54.39	1466.0
325	3.199	3.178	33.4156	26.616	26.628	31.277	35.820	40.262	44.607	144.0	58.07	1466.7
350	3.533	3.510	33.5012	26.652	26.665	31.304	35.838	40.272	44.609	141.0	61.67	1468.6
375	3.721	3.696	33.5921	26.706	26.720	31.353	35.881	40.310	44.642	136.2	65.19	1470.0
400	3.832	3.804	33.6652	26.753	26.767	31.396	35.921	40.347	44.677	132.1	68.60	1470.9
450	3.804	3.773	33.7694	26.838	26.853	31.483	36.006	40.432	44.762	124.4	75.20	1471.8
500	3.703	3.669	33.8703	26.928	26.944	31.574	36.100	40.528	44.858	116.2	81.42	1472.3
550	3.635	3.597	33.9340	26.986	27.001	31.634	36.160	40.589	44.920	111.1	87.23	1472.9
600	3.549	3.508	33.9955	27.043	27.059	31.693	36.221	40.651	44.984	106.0	92.78	1473.5
650	3.463	3.419	34.0637	27.106	27.122	31.758	36.287	40.718	45.053	100.3	98.08	1474.0
700	3.386	3.339	34.1057	27.147	27.163	31.801	36.331	40.764	45.100	96.7	103.10	1474.6
750	3.321	3.270	34.1459	27.185	27.201	31.841	36.371	40.806	45.143	93.4	107.94	1475.2
800	3.250	3.195	34.1850	27.223	27.239	31.880	36.413	40.848	45.187	90.1	112.61	1475.8
850	3.152	3.094	34.2238	27.263	27.279	31.924	36.457	40.895	45.235	86.5	117.11	1476.3
900	3.065	3.004	34.2578	27.299	27.315	31.961	36.496	40.935	45.277	83.3	121.43	1476.8
950	2.990	2.926	34.2812	27.324	27.340	31.989	36.525	40.966	45.309	81.1	125.60	1477.3
1000	2.921	2.854	34.3048	27.349	27.366	32.015	36.553	40.995	45.340	78.9	129.66	1477.9

1250	2.591	2.507	34.4066	27.460	27.477	32.138	36.677	41.128	45.480	69.2	149.39	1480.8
1500	2.273	2.174	34.4795	27.546	27.563	32.232	36.778	41.236	45.594	61.5	166.69	1483.7
1750	2.039	1.923	34.5331	27.608	27.626	32.301	36.851	41.315	45.678	56.0	182.07	1487.0
2000	1.885	1.750	34.5687	27.649	27.667	32.347	36.900	41.366	45.733	52.5	196.07	1490.7
2250	1.785	1.631	34.5915	27.675	27.694	32.378	36.942	41.386	45.768	50.6	209.20	1494.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 3

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
3	008	30	7	1988	0453	57 56.7 N	175 04.0 W	3092	8.8	1014.0	5.7	48

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	50.9	0.00	1458.2
2	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	50.9	0.10	1458.2
4	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	50.9	0.20	1458.3
6	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	50.9	0.31	1458.3
8	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	50.9	0.41	1458.3
10	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	0.51	1458.4
12	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	0.61	1458.4
14	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	0.71	1458.4
16	2.139	2.139	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	0.81	1458.5
18	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	0.92	1458.5
20	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	1.02	1458.5
22	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	1.12	1458.6
24	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	1.22	1458.6
26	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	1.32	1458.6
28	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.0	1.43	1458.7
30	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.1	1.53	1458.7
35	2.139	2.138	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.1	1.78	1458.8
40	2.139	2.137	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.1	2.04	1458.9
45	2.139	2.137	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.1	2.30	1458.9
50	2.139	2.137	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.1	2.55	1459.0
60	2.139	2.136	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.2	3.06	1459.2
70	2.139	2.136	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.2	3.57	1459.4
80	2.139	2.135	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.3	4.09	1459.5
90	2.139	2.135	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.3	4.60	1459.7
100	2.139	2.134	34.5083	27.580	27.589	32.257	36.820	41.280	45.641	51.4	5.11	1459.9
120	2.139	2.133	34.5083	27.580	27.589	32.258	36.820	41.280	45.641	51.5	6.14	1460.2
140	2.139	2.132	34.5083	27.580	27.589	32.258	36.820	41.280	45.641	51.6	7.17	1460.5
160	2.139	2.131	34.5083	27.580	27.589	32.258	36.820	41.280	45.641	51.7	8.20	1460.8
180	2.139	2.130	34.5083	27.580	27.589	32.258	36.820	41.280	45.641	51.8	9.24	1461.2
200	2.139	2.128	34.5083	27.580	27.590	32.258	36.820	41.280	45.641	51.9	10.27	1461.5
225	2.139	2.127	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.0	11.57	1461.9
250	2.139	2.126	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.1	12.87	1462.3
275	2.139	2.124	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.2	14.17	1462.7
300	2.139	2.123	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.4	15.48	1463.2
325	2.139	2.121	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.5	16.79	1463.6
350	2.139	2.120	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.6	18.10	1464.0
375	2.139	2.118	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.7	19.41	1464.4
400	2.139	2.117	34.5083	27.580	27.590	32.259	36.820	41.280	45.641	52.8	20.73	1464.8
450	2.139	2.114	34.5083	27.580	27.591	32.260	36.820	41.280	45.641	53.1	23.37	1465.6
500	2.139	2.111	34.5083	27.580	27.591	32.260	36.820	41.280	45.641	53.3	26.03	1466.5
550	2.139	2.108	34.5083	27.580	27.591	32.260	36.820	41.280	45.641	53.6	28.69	1467.3
600	2.139	2.105	34.5083	27.580	27.591	32.260	36.820	41.280	45.641	53.8	31.37	1468.1
650	2.139	2.101	34.5083	27.580	27.592	32.261	36.820	41.280	45.641	54.0	34.06	1469.0
700	2.139	2.098	34.5083	27.580	27.592	32.261	36.820	41.280	45.641	54.3	36.76	1469.8
750	2.139	2.095	34.5083	27.580	27.592	32.262	36.820	41.280	45.641	54.5	39.47	1470.6
800	2.139	2.092	34.5083	27.580	27.592	32.262	36.820	41.280	45.641	54.7	42.20	1471.5
850	2.139	2.088	34.5083	27.580	27.593	32.263	36.820	41.280	45.641	54.9	44.93	1472.3
900	2.139	2.085	34.5083	27.580	27.593	32.263	36.820	41.280	45.641	55.2	47.68	1473.1
950	2.139	2.081	34.5083	27.580	27.593	32.263	36.820	41.280	45.641	55.4	50.44	1474.0
1000	2.139	2.078	34.5083	27.580	27.594	32.263	36.820	41.280	45.641	55.7	53.21	1474.8

1250	2.139	2.060	34.5083	27.580	27.595	32.267	36.818	41.280	45.641	56.8	67.12	1479.0
1500	2.139	2.041	34.5083	27.580	27.596	32.269	36.818	41.280	45.641	57.9	81.32	1483.2
1750	1.992	1.876	34.5427	27.619	27.637	32.314	36.865	41.330	45.694	54.7	95.79	1486.8
2000	1.855	1.721	34.5740	27.655	27.674	32.355	36.908	41.375	45.742	51.8	109.48	1490.5
2250	1.750	1.596	34.5982	27.683	27.702	32.387	36.952	41.397	45.780	49.6	122.43	1494.4
2500	1.677	1.503	34.6151	27.702	27.723	32.409	36.974	41.421	45.806	48.4	134.84	1498.4
2750	1.630	1.433	34.6277	27.716	27.738	32.427	36.990	41.438	45.824	47.6	146.93	1502.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 3

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
3	010	30	7	1988	0803	57 56.2 N	175 04.7 W	3190	8.4	1015.6	5.5	65

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	8.964	8.964	32.6498	25.284	25.307	29.815	34.241	38.568	42.804	267.4	0.00	1483.5
2	8.964	8.964	32.6498	25.284	25.307	29.817	34.241	38.568	42.804	267.5	0.53	1483.6
4	1.793	1.793	6.5300	5.260	5.259	10.182	14.987	19.680	24.265	%2212.4	3.44	1419.6
6	8.966	8.966	32.6492	25.283	25.306	29.816	34.240	38.567	42.803	267.6	7.87	1483.6
8	8.975	8.974	32.6533	25.285	25.308	29.818	34.241	38.568	42.804	267.5	8.40	1483.7
10	8.901	8.900	32.6514	25.295	25.318	29.829	34.254	38.583	42.820	266.6	8.94	1483.5
12	8.796	8.795	32.6302	25.295	25.318	29.832	34.259	38.589	42.828	266.6	9.47	1483.1
14	8.451	8.450	32.6372	25.354	25.376	29.897	34.331	38.668	42.914	261.2	10.00	1481.8
16	8.614	8.612	32.7128	25.388	25.411	29.928	34.358	38.691	42.933	257.9	10.52	1482.6
18	8.641	8.639	32.7297	25.397	25.420	29.936	34.365	38.698	42.940	257.1	11.04	1482.7
20	8.612	8.610	32.7292	25.401	25.424	29.941	34.371	38.704	42.946	256.7	11.55	1482.6
22	8.432	8.430	32.7235	25.424	25.446	29.968	34.401	38.738	42.983	254.6	12.07	1482.0
24	8.260	8.258	32.7252	25.452	25.473	29.999	34.436	38.776	43.024	252.1	12.58	1481.4
26	7.727	7.725	32.7200	25.526	25.547	30.084	34.532	38.883	43.141	245.1	13.08	1479.3
28	7.402	7.399	32.7367	25.586	25.606	30.151	34.606	38.962	43.226	239.5	13.57	1478.1
30	6.754	6.751	32.7690	25.700	25.718	30.279	34.747	39.117	43.393	228.8	14.05	1475.6
35	5.928	5.925	32.8295	25.855	25.871	30.452	34.938	39.324	43.616	214.3	15.19	1472.5
40	5.200	5.196	32.8387	25.950	25.964	30.564	35.066	39.467	43.774	205.4	16.27	1469.6
45	4.873	4.870	32.8484	25.994	26.008	30.616	35.125	39.534	43.847	201.2	17.29	1468.4
50	4.905	4.901	32.8907	26.024	26.038	30.645	35.153	39.561	43.873	198.4	18.30	1468.6
60	4.465	4.460	32.9374	26.110	26.123	30.741	35.259	39.676	43.997	190.4	20.28	1467.0
70	4.228	4.223	32.9770	26.166	26.179	30.802	35.326	39.748	44.074	185.2	22.19	1466.2
80	4.138	4.133	32.9856	26.182	26.195	30.821	35.346	39.770	44.098	183.7	24.04	1466.0
90	4.158	4.152	33.0494	26.231	26.244	30.868	35.393	39.816	44.143	179.2	25.88	1466.4
100	4.030	4.023	33.0828	26.270	26.283	30.911	35.438	39.864	44.193	175.5	27.67	1466.0
120	3.744	3.737	33.1504	26.353	26.365	31.001	35.534	39.965	44.300	167.8	31.18	1465.3
140	3.454	3.445	33.1901	26.413	26.424	31.067	35.607	40.045	44.386	162.2	34.53	1464.4
160	3.223	3.213	33.2221	26.460	26.471	31.120	35.665	40.108	44.454	157.9	37.78	1463.8
180	3.087	3.076	33.2495	26.494	26.505	31.158	35.706	40.152	44.501	154.7	40.94	1463.6
200	2.985	2.973	33.2769	26.525	26.536	31.191	35.742	40.190	44.541	151.8	44.03	1463.5
225	2.942	2.928	33.3036	26.550	26.561	31.218	35.769	40.218	44.569	149.5	47.82	1463.7
250	2.962	2.947	33.3322	26.571	26.582	31.238	35.788	40.236	44.587	147.7	51.56	1464.3
275	3.263	3.246	33.4091	26.605	26.617	31.263	35.805	40.246	44.590	144.8	55.26	1466.1
300	3.459	3.439	33.4940	26.654	26.666	31.307	35.843	40.279	44.618	140.5	58.88	1467.5
325	3.550	3.529	33.5437	26.684	26.697	31.336	35.869	40.302	44.638	137.8	62.39	1468.3
350	3.860	3.836	33.6507	26.738	26.753	31.381	35.906	40.331	44.660	133.1	65.83	1470.2
375	3.788	3.762	33.7327	26.811	26.825	31.455	35.981	40.407	44.737	126.4	69.16	1470.4
400	3.781	3.754	33.7684	26.840	26.854	31.484	36.009	40.436	44.766	123.8	72.32	1470.9
450	3.724	3.694	33.8607	26.919	26.934	31.564	36.090	40.517	44.847	116.7	78.51	1471.6
500	3.652	3.618	33.9114	26.966	26.981	31.613	36.140	40.568	44.900	112.6	84.35	1472.2
550	3.541	3.503	34.0018	27.049	27.064	31.699	36.227	40.657	44.991	105.0	89.98	1472.6
600	3.466	3.425	34.0534	27.098	27.113	31.749	36.278	40.710	45.045	100.8	95.23	1473.2
650	3.384	3.340	34.1040	27.146	27.161	31.800	36.330	40.763	45.099	96.5	100.27	1473.8
700	3.312	3.264	34.1424	27.183	27.199	31.839	36.370	40.805	45.142	93.2	105.09	1474.3
750	3.259	3.208	34.1730	27.213	27.228	31.870	36.402	40.837	45.176	90.7	109.75	1475.0
800	3.185	3.131	34.2040	27.244	27.260	31.903	36.437	40.874	45.213	88.0	114.29	1475.5
850	3.098	3.041	34.2371	27.279	27.295	31.940	36.475	40.914	45.255	84.9	118.69	1476.1
900	3.018	2.957	34.2687	27.312	27.328	31.975	36.511	40.951	45.295	82.0	122.93	1476.6
950	2.939	2.875	34.2948	27.340	27.356	32.005	36.543	40.985	45.329	79.5	127.03	1477.1
1000	2.843	2.776	34.3260	27.373	27.389	32.041	36.581	41.025	45.371	76.5	131.01	1477.6

1250	2.513	2.430	34.4174	27.476	27.492	32.155	36.696	41.149	45.503	67.5	150.13	1480.5
1500	0.098	0.107	1.5805	1.202	1.200	6.226	11.132	15.920	20.596	%2535.8	167.02	1429.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 4

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
4	013	31	7	1988	0340	58	30.5 N	174	30.2 W	150	9.6	1017.5	2.1	152

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	8.963	8.963	32.4876	25.158	25.181	29.690	34.117	38.445	42.682	279.5	0.00	1483.3
2	8.439	8.439	32.4754	25.229	25.251	29.774	34.209	38.548	42.794	272.8	0.55	1481.4
4	8.375	8.374	32.4760	25.240	25.261	29.786	34.222	38.562	42.810	271.9	1.09	1481.1
6	8.310	8.309	32.4771	25.250	25.272	29.798	34.235	38.576	42.825	270.9	1.64	1480.9
8	8.241	8.241	32.4785	25.262	25.283	29.811	34.250	38.592	42.842	269.9	2.18	1480.7
10	8.047	8.046	32.4895	25.299	25.320	29.852	34.295	38.641	42.894	266.4	2.72	1480.0
12	7.575	7.574	32.5183	25.390	25.410	29.953	34.405	38.760	43.023	257.8	3.25	1478.2
14	7.429	7.428	32.5325	25.422	25.441	29.988	34.443	38.801	43.066	254.9	3.77	1477.7
16	7.303	7.301	32.5234	25.432	25.452	30.001	34.459	38.819	43.087	253.9	4.28	1477.3
18	6.915	6.913	32.5232	25.486	25.504	30.063	34.529	38.897	43.172	249.0	4.78	1475.8
20	6.796	6.795	32.5276	25.505	25.523	30.085	34.554	38.924	43.201	247.2	5.28	1475.3
22	6.716	6.714	32.5231	25.512	25.530	30.094	34.564	38.936	43.215	246.5	5.78	1475.0
24	6.655	6.653	32.5250	25.522	25.540	30.105	34.577	38.950	43.229	245.7	6.27	1474.8
26	6.579	6.576	32.5403	25.544	25.561	30.128	34.602	38.976	43.257	243.6	6.76	1474.6
28	6.529	6.526	32.5408	25.551	25.568	30.137	34.611	38.987	43.269	243.0	7.25	1474.4
30	6.373	6.370	32.5512	25.579	25.596	30.169	34.646	39.025	43.310	240.3	7.73	1473.8
35	5.701	5.698	32.5864	25.691	25.707	30.295	34.788	39.180	43.478	229.8	8.93	1471.2
40	5.638	5.635	32.5902	25.702	25.717	30.308	34.801	39.195	43.494	228.9	10.08	1471.1
45	5.227	5.224	32.6725	25.815	25.830	30.430	34.932	39.334	43.641	218.2	11.23	1469.6
50	4.826	4.822	32.6953	25.879	25.893	30.503	35.014	39.425	43.740	212.3	12.32	1468.0
60	4.549	4.544	32.7222	25.930	25.944	30.561	35.079	39.495	43.816	207.5	14.44	1467.1
70	4.262	4.257	32.8102	26.030	26.043	30.667	35.191	39.613	43.940	198.1	16.52	1466.2
80	4.195	4.189	32.8476	26.067	26.080	30.705	35.230	39.654	43.982	194.7	18.50	1466.1
90	4.091	4.085	32.8986	26.118	26.131	30.759	35.286	39.711	44.041	189.9	20.44	1465.9
100	3.925	3.918	32.9501	26.176	26.188	30.820	35.351	39.780	44.112	184.5	22.34	1465.4
120	3.614	3.606	32.9891	26.237	26.249	30.890	35.427	39.863	44.202	178.7	26.03	1464.5
140	3.524	3.515	32.9977	26.253	26.265	30.908	35.447	39.885	44.226	177.4	29.61	1464.4
160	3.501	3.491	33.0043	26.260	26.272	30.915	35.455	39.894	44.235	176.8	33.15	1464.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 5

STATION NUMBER	CTD #	DAY MON	YEAR YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
5	017	31	7 1988	2226	58	30.0 N	175	30.0 W	140	9.4	1017.0	1.4	226

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
2	8.604	8.604	32.5494	25.262	25.284	29.803	34.234	38.569	42.812	269.7	0.54	1482.1
4	8.606	8.606	32.5482	25.261	25.283	29.802	34.233	38.567	42.811	269.8	1.08	1482.1
6	8.599	8.599	32.5471	25.261	25.283	29.802	34.233	38.568	42.812	269.8	1.62	1482.1
8	8.522	8.521	32.5438	25.270	25.292	29.813	34.246	38.582	42.827	269.0	2.16	1481.9
10	8.494	8.493	32.5449	25.275	25.297	29.819	34.252	38.589	42.834	268.5	2.70	1481.8
12	8.461	8.460	32.5416	25.278	25.300	29.822	34.256	38.593	42.839	268.4	3.23	1481.7
14	8.413	8.412	32.5402	25.284	25.306	29.829	34.264	38.603	42.849	267.8	3.77	1481.5
16	8.376	8.374	32.5404	25.290	25.312	29.835	34.271	38.611	42.858	267.3	4.31	1481.4
18	8.330	8.328	32.5364	25.293	25.315	29.840	34.277	38.617	42.865	267.0	4.84	1481.3
20	8.071	8.069	32.5375	25.333	25.354	29.885	34.327	38.672	42.925	263.3	5.37	1480.3
22	7.825	7.823	32.5544	25.382	25.403	29.940	34.387	38.736	42.994	258.7	5.90	1479.4
24	7.763	7.761	32.5666	25.401	25.421	29.959	34.408	38.759	43.017	256.9	6.42	1479.2
26	7.631	7.628	32.5774	25.428	25.449	29.990	34.441	38.794	43.055	254.4	6.93	1478.8
28	7.299	7.297	32.5847	25.481	25.500	30.049	34.507	38.867	43.134	249.5	7.44	1477.5
30	7.128	7.125	32.6132	25.527	25.546	30.099	34.560	38.923	43.193	245.1	7.94	1476.9
35	7.098	7.095	32.6163	25.534	25.553	30.106	34.568	38.932	43.202	244.6	9.17	1476.9
40	6.946	6.943	32.6281	25.564	25.582	30.140	34.604	38.971	43.244	241.8	10.39	1476.4
45	6.664	6.660	32.6264	25.600	25.618	30.182	34.653	39.025	43.304	238.5	11.60	1475.3
50	6.396	6.392	32.6334	25.641	25.658	30.229	34.706	39.083	43.367	234.7	12.79	1474.4
60	5.044	5.039	32.6764	25.839	25.854	30.458	34.965	39.371	43.682	216.1	15.14	1469.1
70	3.908	3.904	32.7993	26.058	26.070	30.704	35.236	39.666	44.001	195.4	17.30	1464.7
80	3.918	3.912	32.9580	26.183	26.195	30.827	35.358	39.787	44.120	183.7	19.25	1465.1
90	3.654	3.648	32.9864	26.231	26.243	30.882	35.419	39.854	44.192	179.1	21.09	1464.2
100	3.522	3.516	33.0614	26.304	26.315	30.957	35.497	39.934	44.275	172.3	22.88	1463.9
120	3.214	3.207	33.0747	26.343	26.354	31.005	35.551	39.996	44.343	168.7	26.33	1462.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 6

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
6	018	1	8	1988	1348	59	30.0 N	179	30.0 W	3215	8.0	1013.0	6.2	200
DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL		
0	8.174	8.174	32.6839	25.432	25.453	29.980	34.420	38.762	43.013	253.5	0.00	1480.6		
2	8.173	8.173	32.6765	25.427	25.448	29.976	34.415	38.757	43.007	254.1	0.51	1480.6		
4	8.173	8.172	32.6751	25.426	25.447	29.975	34.414	38.756	43.006	254.2	1.02	1480.6		
6	8.173	8.173	32.6750	25.425	25.447	29.975	34.414	38.756	43.006	254.3	1.52	1480.7		
8	8.173	8.172	32.6750	25.425	25.447	29.975	34.414	38.756	43.006	254.3	2.03	1480.7		
10	8.173	8.172	32.6749	25.425	25.447	29.974	34.413	38.756	43.006	254.3	2.54	1480.7		
12	8.174	8.173	32.6749	25.425	25.447	29.974	34.413	38.755	43.006	254.4	3.05	1480.8		
14	8.174	8.172	32.6750	25.425	25.447	29.974	34.413	38.756	43.006	254.4	3.56	1480.8		
16	8.172	8.170	32.6747	25.425	25.447	29.975	34.414	38.756	43.006	254.4	4.07	1480.8		
18	8.171	8.169	32.6750	25.426	25.447	29.975	34.414	38.756	43.006	254.4	4.58	1480.9		
20	8.173	8.171	32.6744	25.425	25.446	29.974	34.413	38.755	43.006	254.5	5.09	1480.9		
22	8.172	8.170	32.6751	25.426	25.447	29.975	34.414	38.756	43.006	254.5	5.59	1480.9		
24	8.167	8.165	32.6746	25.426	25.448	29.975	34.415	38.757	43.007	254.5	6.10	1480.9		
26	8.111	8.108	32.6732	25.433	25.455	29.984	34.424	38.767	43.019	253.9	6.61	1480.7		
28	7.973	7.971	32.6642	25.447	25.468	30.000	34.443	38.789	43.043	252.6	7.12	1480.2		
30	6.158	6.156	32.7704	25.779	25.796	30.372	34.852	39.234	43.522	221.3	7.63	1473.3		
35	4.789	4.786	32.8673	26.019	26.033	30.643	35.154	39.564	43.879	198.8	8.73	1467.9		
40	4.184	4.181	32.8463	26.067	26.080	30.706	35.231	39.655	43.983	194.3	9.73	1465.4		
45	3.804	3.801	32.8472	26.106	26.118	30.754	35.289	39.721	44.057	190.7	10.70	1463.9		
50	3.803	3.800	32.8987	26.147	26.159	30.795	35.329	39.761	44.097	186.8	11.65	1464.0		
60	3.367	3.363	32.9777	26.252	26.263	30.910	35.454	39.896	44.240	177.0	13.52	1462.4		
70	3.209	3.205	33.0270	26.306	26.317	30.967	35.515	39.960	44.308	171.9	15.29	1462.0		
80	3.076	3.071	33.0803	26.360	26.371	31.025	35.575	40.023	44.373	166.8	17.01	1461.6		
90	3.013	3.008	33.0897	26.373	26.384	31.040	35.591	40.041	44.392	165.6	18.68	1461.5		
100	3.177	3.171	33.1683	26.421	26.432	31.082	35.630	40.074	44.422	161.2	20.33	1462.5		
120	3.046	3.039	33.1801	26.442	26.453	31.108	35.657	40.105	44.455	159.2	23.56	1462.3		
140	2.900	2.892	33.2318	26.497	26.507	31.165	35.718	40.169	44.522	154.2	26.74	1462.1		

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 6

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
6	019	1	8	1988	1501	59 30.0 N	179 30.0 W	3250	8.0	1013.0	6.2	200

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	8.040	8.040	32.6640	25.437	25.458	29.987	34.431	38.775	43.028	253.1	0.00	1480.0
2	8.040	8.040	32.6640	25.437	25.458	29.989	34.431	38.775	43.028	253.2	0.51	1480.1
4	8.040	8.039	32.6639	25.437	25.457	29.989	34.430	38.775	43.028	253.2	1.01	1480.1
6	8.039	8.039	32.6636	25.436	25.457	29.988	34.430	38.775	43.028	253.2	1.52	1480.1
8	8.040	8.039	32.6637	25.436	25.457	29.989	34.430	38.775	43.028	253.3	2.03	1480.2
10	8.039	8.038	32.6635	25.436	25.457	29.988	34.430	38.775	43.028	253.3	2.53	1480.2
12	8.039	8.038	32.6636	25.436	25.457	29.988	34.430	38.775	43.028	253.3	3.04	1480.2
14	8.040	8.039	32.6635	25.436	25.457	29.988	34.430	38.775	43.028	253.4	3.55	1480.3
16	8.040	8.038	32.6636	25.436	25.457	29.988	34.430	38.775	43.028	253.4	4.05	1480.3
18	8.040	8.038	32.6636	25.436	25.457	29.988	34.430	38.775	43.028	253.4	4.56	1480.3
20	8.040	8.038	32.6634	25.436	25.457	29.988	34.430	38.775	43.027	253.5	5.07	1480.4
22	8.038	8.036	32.6636	25.437	25.458	29.989	34.431	38.775	43.028	253.5	5.57	1480.4
24	8.036	8.034	32.6635	25.437	25.458	29.989	34.431	38.775	43.028	253.5	6.08	1480.4
26	8.036	8.033	32.6632	25.437	25.458	29.989	34.431	38.775	43.028	253.5	6.59	1480.4
28	8.035	8.033	32.6635	25.437	25.458	29.989	34.431	38.776	43.028	253.5	7.09	1480.5
30	8.013	8.010	32.6649	25.441	25.463	29.994	34.436	38.781	43.035	253.2	7.60	1480.4
35	7.505	7.502	32.6579	25.510	25.530	30.073	34.526	38.881	43.144	246.8	8.87	1478.5
40	4.675	4.672	32.7425	25.933	25.946	30.560	35.074	39.488	43.806	207.1	10.10	1467.3
45	3.936	3.933	32.7971	26.053	26.065	30.699	35.230	39.660	43.993	195.7	11.14	1464.4
50	3.866	3.862	32.8827	26.128	26.140	30.774	35.307	39.738	44.072	188.6	12.11	1464.3
60	3.888	3.884	32.9810	26.204	26.216	30.849	35.380	39.810	44.143	181.5	14.00	1464.6
70	3.792	3.787	33.0627	26.278	26.290	30.925	35.458	39.889	44.224	174.5	15.82	1464.5
80	3.569	3.563	33.0931	26.324	26.336	30.976	35.515	39.951	44.290	170.2	17.56	1463.8
90	3.578	3.572	33.1599	26.377	26.388	31.028	35.565	40.001	44.340	165.3	19.26	1464.1
100	3.455	3.449	33.1917	26.414	26.425	31.068	35.608	40.046	44.387	161.9	20.92	1463.7
120	3.139	3.131	33.2239	26.469	26.480	31.132	35.679	40.124	44.472	156.7	24.16	1462.8
140	2.872	2.863	33.2475	26.512	26.522	31.181	35.734	40.186	44.539	152.7	27.29	1462.0
160	2.384	2.375	33.2287	26.538	26.548	31.220	35.786	40.249	44.614	150.2	30.35	1460.2
180	2.324	2.314	33.2528	26.562	26.572	31.246	35.813	40.277	44.643	148.0	33.35	1460.3
200	2.329	2.318	33.2769	26.581	26.591	31.264	35.831	40.295	44.661	146.3	36.31	1460.6
225	2.383	2.371	33.3079	26.601	26.611	31.283	35.848	40.311	44.675	144.5	39.97	1461.3
250	2.118	2.104	33.3142	26.628	26.637	31.316	35.888	40.357	44.727	142.0	43.58	1460.6
275	2.471	2.456	33.3705	26.644	26.654	31.323	35.885	40.345	44.707	140.7	47.13	1462.6
300	3.181	3.162	33.5074	26.691	26.703	31.350	35.894	40.336	44.681	136.8	50.64	1466.3
325	3.546	3.525	33.6126	26.739	26.753	31.390	35.923	40.356	44.692	132.6	54.07	1468.4
350	3.759	3.736	33.6955	26.784	26.798	31.429	35.956	40.383	44.714	128.7	57.38	1469.8
375	3.735	3.709	33.7395	26.821	26.836	31.467	35.994	40.421	44.752	125.3	60.60	1470.2
400	3.789	3.762	33.7883	26.855	26.869	31.498	36.024	40.450	44.779	122.4	63.73	1470.9
450	3.711	3.680	33.8651	26.924	26.938	31.569	36.095	40.522	44.853	116.3	69.85	1471.5
500	3.627	3.593	33.9423	26.993	27.008	31.641	36.168	40.596	44.928	110.0	75.67	1472.1
550	3.577	3.540	33.9947	27.040	27.055	31.689	36.216	40.645	44.978	105.9	81.17	1472.8
600	3.507	3.466	34.0553	27.095	27.110	31.745	36.274	40.704	45.038	101.1	86.47	1473.4
650	3.425	3.380	34.0989	27.138	27.153	31.791	36.320	40.752	45.087	97.3	91.52	1473.9
700	3.334	3.287	34.1372	27.177	27.193	31.832	36.363	40.797	45.134	93.8	96.38	1474.4
750	3.285	3.234	34.1673	27.206	27.221	31.862	36.394	40.828	45.166	91.4	101.08	1475.1
800	3.208	3.154	34.1992	27.238	27.254	31.897	36.430	40.866	45.205	88.6	105.65	1475.6
850	3.137	3.080	34.2294	27.269	27.285	31.930	36.463	40.901	45.242	85.9	110.08	1476.2
900	3.068	3.007	34.2576	27.298	27.314	31.960	36.495	40.935	45.277	83.4	114.37	1476.8
950	2.979	2.915	34.2845	27.328	27.344	31.993	36.529	40.970	45.314	80.7	118.54	1477.3
1000	2.909	2.842	34.3089	27.354	27.370	32.020	36.558	41.001	45.346	78.5	122.58	1477.8

1250	2.596	2.513	34.3994	27.454	27.471	32.131	36.671	41.122	45.474	69.8	142.20	1480.8
1500	2.281	2.181	34.4776	27.543	27.561	32.229	36.775	41.233	45.592	61.7	159.65	1483.8
1750	2.053	1.937	34.5299	27.604	27.622	32.297	36.847	41.310	45.673	56.4	175.08	1487.1
2000	1.891	1.756	34.5663	27.646	27.665	32.345	36.897	41.364	45.730	52.8	189.18	1490.7
2250	1.769	1.615	34.5938	27.678	27.698	32.382	36.946	41.390	45.773	50.2	202.38	1494.5
2500	1.679	1.504	34.6142	27.701	27.722	32.409	36.974	41.420	45.805	48.4	214.93	1498.4
2750	1.623	1.427	34.6277	27.716	27.738	32.428	36.991	41.439	45.825	47.5	227.04	1502.5
3000	1.582	1.364	34.6387	27.728	27.752	32.442	37.005	41.454	45.841	46.9	238.91	1506.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 7

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
7	022	2	8	1988	0314	60	28.5 N	177	52.2 W	140	8.8	1014.7	4.3	212

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.257	7.257	32.6604	25.546	25.565	30.114	34.573	38.933	43.200	242.9	0.00	1477.0
2	7.253	7.253	32.5912	25.493	25.512	30.062	34.521	38.881	43.149	248.0	0.50	1476.9
4	7.251	7.251	32.6099	25.508	25.527	30.077	34.535	38.896	43.164	246.6	0.99	1477.0
6	7.251	7.251	32.6100	25.508	25.527	30.077	34.535	38.896	43.164	246.7	1.49	1477.0
8	7.258	7.258	32.6191	25.514	25.533	30.083	34.541	38.901	43.169	246.1	1.98	1477.1
10	7.269	7.268	32.6279	25.519	25.538	30.088	34.546	38.906	43.173	245.6	2.47	1477.2
12	7.267	7.266	32.6287	25.520	25.539	30.089	34.547	38.907	43.174	245.5	2.96	1477.2
14	7.271	7.270	32.6307	25.521	25.540	30.090	34.548	38.908	43.175	245.5	3.45	1477.2
16	7.273	7.271	32.6297	25.520	25.539	30.089	34.547	38.907	43.174	245.6	3.95	1477.3
18	7.276	7.274	32.6314	25.521	25.540	30.090	34.547	38.907	43.175	245.5	4.44	1477.3
20	7.279	7.277	32.6332	25.522	25.541	30.091	34.548	38.908	43.175	245.5	4.93	1477.4
22	7.272	7.270	32.6326	25.522	25.542	30.091	34.549	38.909	43.176	245.5	5.42	1477.4
24	6.792	6.790	32.6129	25.573	25.591	30.152	34.620	38.990	43.267	240.8	5.91	1475.5
26	5.701	5.699	32.6018	25.703	25.719	30.307	34.800	39.192	43.490	228.6	6.39	1471.1
28	4.310	4.308	32.5573	25.825	25.838	30.463	34.987	39.410	43.738	217.2	6.85	1465.3
30	3.724	3.722	32.6124	25.928	25.939	30.580	35.118	39.554	43.893	207.6	7.28	1463.0
35	3.387	3.384	32.7096	26.037	26.048	30.697	35.242	39.685	44.032	197.2	8.32	1461.7
40	3.285	3.283	32.7180	26.053	26.064	30.715	35.263	39.709	44.057	195.8	9.31	1461.4
45	3.298	3.295	32.7897	26.109	26.120	30.770	35.317	39.762	44.109	190.5	10.29	1461.6
50	2.812	2.809	32.8428	26.195	26.204	30.868	35.427	39.882	44.240	182.4	11.24	1459.7
60	2.415	2.412	32.9568	26.319	26.328	31.001	35.569	40.034	44.400	170.7	13.06	1458.3
70	2.454	2.450	33.0548	26.394	26.403	31.075	35.641	40.104	44.468	163.6	14.77	1458.7
80	2.539	2.535	33.1209	26.439	26.449	31.117	35.681	40.141	44.503	159.3	16.40	1459.4
90	1.938	1.933	33.1499	26.510	26.519	31.204	35.783	40.257	44.633	152.6	18.00	1456.9
100	1.924	1.919	33.1459	26.508	26.516	31.202	35.781	40.256	44.632	152.8	19.52	1457.0
120	1.905	1.899	33.1436	26.508	26.516	31.203	35.782	40.257	44.634	152.9	22.58	1457.3
140	1.901	1.894	33.0562	26.438	26.447	31.134	35.714	40.190	44.567	159.5	25.64	1457.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 8

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
8	024	2	8	1988	1250	60	56.1 N	176	56.8 W	120	8.8	1015.6	5.0	182
DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL		
0	7.338	7.338	31.9703	24.994	25.013	29.565	34.027	38.390	42.661	295.4	0.00	1476.4		
2	7.337	7.337	31.9701	24.994	25.013	29.566	34.027	38.390	42.660	295.5	0.59	1476.4		
4	7.337	7.337	31.9701	24.994	25.013	29.566	34.027	38.390	42.660	295.5	1.18	1476.5		
6	7.337	7.337	31.9703	24.994	25.013	29.566	34.027	38.390	42.661	295.5	1.77	1476.5		
8	7.307	7.306	31.9702	24.998	25.017	29.571	34.033	38.396	42.667	295.2	2.36	1476.4		
10	7.300	7.299	31.9702	24.999	25.018	29.572	34.034	38.398	42.669	295.1	2.95	1476.4		
12	7.312	7.311	31.9725	24.999	25.018	29.572	34.034	38.397	42.668	295.1	3.54	1476.5		
14	7.299	7.298	31.9723	25.001	25.020	29.574	34.036	38.400	42.671	295.0	4.13	1476.5		
16	7.262	7.260	31.9687	25.003	25.022	29.577	34.040	38.404	42.676	294.8	4.72	1476.4		
18	7.260	7.258	31.9737	25.007	25.026	29.581	34.044	38.409	42.680	294.4	5.31	1476.4		
20	7.250	7.248	31.9730	25.008	25.027	29.582	34.045	38.410	42.682	294.4	5.90	1476.4		
22	6.390	6.388	31.9436	25.099	25.116	29.692	34.174	38.557	42.845	285.9	6.49	1473.0		
24	5.383	5.381	32.3077	25.509	25.524	30.123	34.624	39.026	43.332	247.1	7.06	1469.4		
26	4.809	4.807	32.3006	25.568	25.582	30.196	34.711	39.125	43.443	241.5	7.56	1467.0		
28	3.349	3.347	32.2319	25.661	25.671	30.325	34.875	39.323	43.673	232.9	8.04	1460.8		
30	3.250	3.249	32.2691	25.699	25.710	30.366	34.918	39.368	43.720	229.3	8.51	1460.5		
35	3.354	3.352	32.3762	25.775	25.786	30.438	34.987	39.433	43.783	222.1	9.65	1461.1		
40	2.081	2.079	32.4380	25.931	25.939	30.627	35.207	39.684	44.061	207.5	10.76	1455.8		
45	1.580	1.578	32.5474	26.055	26.062	30.763	35.356	39.844	44.232	195.7	11.80	1453.8		
50	0.847	0.845	32.6573	26.190	26.196	30.917	35.529	40.034	44.440	183.0	12.78	1450.7		
60	1.076	1.073	32.7669	26.264	26.270	30.984	35.588	40.087	44.486	175.9	14.61	1452.1		
70	1.185	1.182	32.8198	26.299	26.306	31.016	35.617	40.113	44.509	172.6	16.37	1452.8		
80	1.161	1.158	32.8326	26.311	26.317	31.028	35.630	40.126	44.523	171.4	18.09	1452.9		
90	1.171	1.167	32.8378	26.314	26.321	31.031	35.633	40.129	44.525	171.1	19.81	1453.1		
100	1.179	1.174	32.8401	26.316	26.322	31.032	35.634	40.130	44.526	171.0	21.52	1453.3		

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 9

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
9	027	2	8	1988	1817	61	20.1 N	176	06.2 W	107	7.2	1015.8	4.1	163

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.749	6.749	31.7115	24.870	24.888	29.456	33.933	38.310	42.593	307.4	0.00	1473.7
2	6.752	6.752	31.6795	24.845	24.862	29.432	33.908	38.285	42.568	309.8	0.62	1473.7
4	6.755	6.754	31.6646	24.833	24.850	29.420	33.896	38.273	42.556	311.0	1.24	1473.8
6	6.751	6.750	31.6649	24.834	24.851	29.421	33.897	38.274	42.557	310.9	1.86	1473.8
8	6.741	6.740	31.6654	24.835	24.853	29.423	33.899	38.276	42.560	310.8	2.48	1473.8
10	6.740	6.739	31.6967	24.860	24.877	29.447	33.923	38.300	42.584	308.5	3.10	1473.8
12	6.733	6.732	31.7050	24.867	24.885	29.455	33.931	38.308	42.592	307.8	3.72	1473.9
14	6.724	6.723	31.7056	24.869	24.886	29.456	33.933	38.310	42.594	307.7	4.34	1473.9
16	6.716	6.714	31.7045	24.869	24.887	29.457	33.933	38.311	42.595	307.6	4.95	1473.9
18	6.713	6.712	31.7055	24.870	24.888	29.458	33.934	38.312	42.596	307.6	5.57	1473.9
20	6.716	6.714	31.7056	24.870	24.888	29.458	33.934	38.312	42.596	307.6	6.18	1473.9
22	6.725	6.723	31.7110	24.873	24.891	29.461	33.937	38.314	42.598	307.4	6.80	1474.0
24	6.728	6.726	31.7131	24.874	24.892	29.462	33.938	38.315	42.599	307.2	7.41	1474.0
26	6.684	6.681	31.7109	24.878	24.896	29.467	33.944	38.322	42.606	306.9	8.03	1473.9
28	3.730	3.728	31.9694	25.417	25.428	30.074	34.616	39.057	43.401	256.1	8.64	1462.1
30	3.550	3.548	31.9555	25.423	25.434	30.084	34.631	39.076	43.424	255.6	9.15	1461.3
35	2.578	2.577	31.9640	25.514	25.523	30.200	34.772	39.240	43.609	247.0	10.43	1457.2
40	0.722	0.720	32.0062	25.675	25.680	30.411	35.031	39.545	43.958	231.9	11.67	1449.1
45	-0.339	-0.340	32.1538	25.845	25.848	30.610	35.259	39.799	44.238	215.8	12.82	1444.5
50	-1.056	-1.058	32.2094	25.915	25.918	30.701	35.370	39.930	44.387	209.0	13.90	1441.3
60	-0.833	-0.834	32.3174	25.995	25.998	30.773	35.435	39.988	44.438	201.4	15.99	1442.7
70	-0.759	-0.761	32.3685	26.034	26.037	30.810	35.468	40.019	44.467	197.6	18.01	1443.3
80	-0.945	-0.947	32.3995	26.065	26.068	30.846	35.510	40.066	44.518	194.6	19.98	1442.6
90	-0.946	-0.948	32.3986	26.064	26.067	30.845	35.509	40.065	44.517	194.6	21.93	1442.8

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 10

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN		LONGITUDE DEG MIN		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
10	028	3	8	1988	0247	61	15.0 N	177	45.6 W	140	8.0	1014.6	9.6	130
DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL		
0	7.482	7.482	32.5029	25.391	25.411	29.955	34.411	38.767	43.031	257.6	0.00	1477.7		
2	7.482	7.482	32.5029	25.391	25.411	29.956	34.411	38.767	43.031	257.6	0.52	1477.7		
4	7.480	7.480	32.5023	25.391	25.411	29.956	34.411	38.767	43.032	257.7	1.03	1477.7		
6	7.484	7.483	32.5022	25.390	25.410	29.956	34.410	38.767	43.031	257.7	1.55	1477.8		
8	7.475	7.474	32.5029	25.392	25.412	29.958	34.412	38.769	43.033	257.6	2.06	1477.8		
10	7.418	7.417	32.5017	25.399	25.419	29.966	34.422	38.779	43.045	257.0	2.58	1477.6		
12	7.347	7.346	32.5015	25.409	25.428	29.977	34.434	38.794	43.060	256.1	3.09	1477.3		
14	7.324	7.322	32.4996	25.411	25.430	29.979	34.437	38.797	43.064	255.9	3.60	1477.3		
16	7.316	7.315	32.4977	25.410	25.430	29.979	34.437	38.797	43.064	256.0	4.11	1477.3		
18	7.293	7.291	32.4975	25.414	25.433	29.983	34.441	38.802	43.069	255.8	4.63	1477.2		
20	7.278	7.276	32.4981	25.416	25.435	29.986	34.444	38.805	43.073	255.6	5.14	1477.2		
22	7.269	7.267	32.4966	25.416	25.435	29.986	34.445	38.806	43.074	255.6	5.65	1477.2		
24	7.256	7.254	32.4975	25.419	25.438	29.989	34.448	38.809	43.077	255.4	6.16	1477.2		
26	7.201	7.199	32.4993	25.428	25.447	29.999	34.459	38.821	43.091	254.5	6.67	1477.0		
28	6.904	6.902	32.4363	25.419	25.437	29.997	34.464	38.833	43.108	255.5	7.18	1475.8		
30	4.830	4.827	32.5479	25.762	25.775	30.387	34.899	39.311	43.627	223.2	7.69	1467.5		
35	3.578	3.576	32.6024	25.934	25.945	30.589	35.131	39.571	43.913	207.0	8.81	1462.4		
40	3.266	3.264	32.6339	25.988	25.999	30.651	35.200	39.647	43.996	201.9	9.84	1461.2		
45	1.941	1.938	32.6748	26.131	26.138	30.828	35.411	39.889	44.268	188.5	10.85	1455.6		
50	1.599	1.597	32.7367	26.205	26.212	30.911	35.502	39.988	44.374	181.5	11.79	1454.2		
60	1.356	1.353	32.8508	26.313	26.320	31.024	35.621	40.112	44.504	171.3	13.61	1453.4		
70	1.396	1.393	32.9020	26.351	26.358	31.061	35.656	40.146	44.536	167.6	15.32	1453.9		
80	1.491	1.487	32.9429	26.377	26.384	31.085	35.677	40.164	44.551	165.2	17.00	1454.5		
90	1.490	1.486	33.0005	26.423	26.431	31.130	35.722	40.209	44.596	160.8	18.65	1454.7		
100	1.451	1.446	33.0533	26.468	26.476	31.176	35.768	40.255	44.643	156.5	20.26	1454.8		
120	1.437	1.431	33.0661	26.480	26.487	31.188	35.780	40.267	44.656	155.5	23.39	1455.1		

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 11

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
11	029	3	8	1988	0550	61 35.0 N	178 39.0 W	144	7.0	1013.5	9.1	121

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.154	7.154	32.3777	25.339	25.357	29.910	34.374	38.738	43.009	262.7	0.00	1476.2
2	7.156	7.156	32.3788	25.339	25.358	29.912	34.374	38.738	43.010	262.6	0.52	1476.3
4	7.160	7.160	32.3616	25.325	25.344	29.898	34.361	38.725	42.996	264.0	1.05	1476.3
6	7.161	7.161	32.3603	25.324	25.343	29.897	34.359	38.723	42.995	264.1	1.58	1476.3
8	7.166	7.165	32.3594	25.323	25.342	29.896	34.358	38.722	42.993	264.3	2.11	1476.4
10	7.167	7.166	32.3591	25.322	25.341	29.895	34.358	38.721	42.992	264.4	2.63	1476.4
12	7.161	7.159	32.3645	25.328	25.346	29.901	34.363	38.727	42.998	263.9	3.16	1476.4
14	6.981	6.980	32.4025	25.382	25.400	29.959	34.424	38.792	43.066	258.8	3.69	1475.8
16	6.973	6.971	32.4003	25.381	25.400	29.958	34.424	38.792	43.066	258.9	4.21	1475.8
18	6.955	6.953	32.4013	25.385	25.403	29.962	34.428	38.796	43.071	258.6	4.73	1475.8
20	6.950	6.948	32.4012	25.385	25.403	29.963	34.429	38.797	43.072	258.6	5.24	1475.8
22	6.943	6.941	32.4029	25.387	25.406	29.965	34.431	38.800	43.075	258.4	5.76	1475.8
24	6.930	6.928	32.4043	25.390	25.409	29.968	34.435	38.803	43.078	258.1	6.28	1475.8
26	6.484	6.482	32.3949	25.442	25.459	30.030	34.506	38.884	43.168	253.3	6.79	1474.0
28	3.543	3.541	32.5952	25.931	25.942	30.588	35.131	39.571	43.914	207.2	7.30	1462.1
30	3.440	3.438	32.5558	25.910	25.921	30.569	35.115	39.558	43.904	209.3	7.71	1461.7
35	3.356	3.354	32.5732	25.931	25.942	30.593	35.140	39.585	43.933	207.3	8.76	1461.4
40	2.351	2.348	32.5754	26.020	26.028	30.707	35.280	39.748	44.119	199.0	9.80	1457.1
45	1.761	1.759	32.6747	26.144	26.151	30.846	35.433	39.915	44.299	187.3	10.79	1454.8
50	1.315	1.312	32.7609	26.243	26.250	30.957	35.555	40.048	44.441	177.8	11.73	1453.0
60	1.299	1.297	32.8689	26.331	26.338	31.044	35.642	40.134	44.527	169.5	13.51	1453.2
70	1.284	1.280	32.9258	26.378	26.384	31.091	35.688	40.181	44.574	165.1	15.20	1453.4
80	1.270	1.266	32.9467	26.395	26.402	31.109	35.706	40.199	44.592	163.4	16.85	1453.5
90	1.290	1.286	32.9942	26.432	26.439	31.144	35.741	40.233	44.625	160.0	18.49	1453.8
100	1.289	1.285	33.0192	26.452	26.459	31.164	35.761	40.253	44.645	158.1	20.09	1454.0
120	1.290	1.284	33.0384	26.467	26.474	31.180	35.776	40.267	44.659	156.6	23.25	1454.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 12

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
12	032	3	8	1988	1145	61	50.0 N	179	20.0 W	127	7.5	1012.7	9.4	86

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.170	7.170	32.0973	25.117	25.135	29.690	34.155	38.521	42.794	283.8	0.00	1475.9
2	7.170	7.170	32.0973	25.117	25.135	29.691	34.155	38.521	42.794	283.8	0.57	1475.9
4	7.170	7.170	32.0975	25.117	25.135	29.692	34.155	38.521	42.794	283.8	1.14	1476.0
6	7.170	7.170	32.0981	25.117	25.136	29.692	34.156	38.522	42.794	283.8	1.70	1476.0
8	7.170	7.169	32.0990	25.118	25.137	29.693	34.157	38.522	42.795	283.8	2.27	1476.0
10	7.172	7.171	32.0987	25.118	25.136	29.692	34.156	38.522	42.794	283.9	2.84	1476.1
12	7.168	7.167	32.0996	25.119	25.137	29.694	34.157	38.523	42.796	283.8	3.41	1476.1
14	7.078	7.076	32.1079	25.138	25.156	29.714	34.180	38.548	42.822	282.0	3.97	1475.8
16	6.956	6.954	32.1311	25.172	25.190	29.752	34.220	38.589	42.866	278.8	4.54	1475.4
18	6.926	6.925	32.1357	25.180	25.198	29.760	34.228	38.599	42.876	278.0	5.09	1475.3
20	6.917	6.915	32.1367	25.182	25.200	29.762	34.231	38.601	42.879	277.9	5.65	1475.3
22	6.906	6.904	32.1370	25.184	25.202	29.764	34.233	38.604	42.881	277.8	6.21	1475.3
24	6.865	6.863	32.1383	25.190	25.208	29.771	34.241	38.613	42.891	277.2	6.76	1475.2
26	6.793	6.790	32.1337	25.196	25.214	29.779	34.251	38.624	42.903	276.6	7.32	1474.9
28	5.499	5.497	32.0747	25.312	25.327	29.924	34.425	38.826	43.131	265.9	7.87	1469.6
30	3.625	3.623	32.2372	25.639	25.650	30.297	34.840	39.281	43.625	235.0	8.40	1462.0
35	2.540	2.538	32.2848	25.773	25.782	30.457	35.028	39.494	43.862	222.4	9.58	1457.5
40	2.611	2.609	32.4023	25.861	25.870	30.542	35.110	39.574	43.939	214.1	10.69	1458.0
45	2.331	2.329	32.5011	25.962	25.971	30.650	35.224	39.694	44.065	204.5	11.76	1457.0
50	1.720	1.718	32.5626	26.057	26.064	30.761	35.350	39.835	44.220	195.5	12.78	1454.5
60	0.978	0.975	32.8054	26.301	26.307	31.023	35.630	40.131	44.532	172.4	14.74	1451.7
70	1.015	1.012	32.9088	26.381	26.388	31.102	35.707	40.206	44.606	164.8	16.46	1452.2
80	0.973	0.970	32.9545	26.420	26.427	31.142	35.748	40.248	44.648	161.0	18.11	1452.2
90	0.979	0.975	32.9587	26.423	26.430	31.145	35.750	40.250	44.650	160.8	19.72	1452.4
100	0.982	0.978	32.9603	26.425	26.431	31.146	35.751	40.251	44.651	160.6	21.33	1452.6

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 13

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
13	033	3	8	1988	1416	62	11.0 N	179	51.0 E	148	7.2	1012.4	9.2	70

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.546	6.546	31.8522	25.007	25.024	29.596	34.077	38.457	42.743	294.4	0.00	1473.1
2	6.546	6.546	31.8522	25.007	25.024	29.598	34.077	38.457	42.743	294.4	0.59	1473.1
4	6.546	6.546	31.8522	25.007	25.024	29.598	34.077	38.457	42.743	294.4	1.18	1473.2
6	6.548	6.547	31.8522	25.007	25.024	29.597	34.076	38.456	42.742	294.4	1.77	1473.2
8	6.548	6.547	31.8522	25.007	25.024	29.597	34.076	38.456	42.743	294.5	2.36	1473.3
10	6.544	6.543	31.8525	25.008	25.025	29.598	34.077	38.457	42.744	294.4	2.94	1473.3
12	6.543	6.542	31.8540	25.009	25.026	29.600	34.079	38.459	42.745	294.3	3.53	1473.3
14	6.543	6.541	31.8518	25.007	25.025	29.598	34.077	38.457	42.743	294.5	4.12	1473.3
16	6.541	6.540	31.8524	25.008	25.025	29.599	34.078	38.458	42.744	294.5	4.71	1473.4
18	6.625	6.623	31.9061	25.039	25.057	29.628	34.105	38.483	42.767	291.5	5.30	1473.8
20	6.317	6.315	32.1055	25.236	25.253	29.830	34.312	38.695	42.984	272.9	5.88	1472.9
22	6.089	6.088	32.1637	25.310	25.327	29.909	34.395	38.783	43.076	265.9	6.43	1472.0
24	5.594	5.592	32.2186	25.414	25.429	30.024	34.521	38.918	43.221	256.1	6.96	1470.1
26	5.232	5.230	32.2574	25.487	25.501	30.105	34.610	39.015	43.325	249.2	7.47	1468.7
28	4.718	4.716	32.3019	25.579	25.593	30.209	34.726	39.142	43.462	240.5	7.97	1466.7
30	4.201	4.199	32.3447	25.668	25.680	30.310	34.839	39.266	43.597	232.2	8.45	1464.6
35	2.505	2.504	32.4360	25.896	25.905	30.580	35.150	39.616	43.984	210.7	9.61	1457.5
40	2.091	2.089	32.5417	26.013	26.021	30.707	35.287	39.762	44.139	199.7	10.67	1456.0
45	0.742	0.741	32.6239	26.169	26.175	30.900	35.514	40.023	44.431	184.9	11.66	1450.1
50	0.644	0.642	32.7020	26.237	26.243	30.970	35.587	40.097	44.507	178.4	12.59	1449.9
60	0.905	0.902	32.8713	26.358	26.364	31.082	35.690	40.193	44.595	167.0	14.37	1451.4
70	1.048	1.045	32.9512	26.413	26.419	31.132	35.736	40.234	44.633	161.7	16.04	1452.4
80	1.043	1.040	33.0038	26.456	26.462	31.175	35.778	40.276	44.674	157.7	17.66	1452.6
90	1.021	1.017	33.0093	26.461	26.468	31.181	35.785	40.284	44.682	157.2	19.24	1452.7
100	1.015	1.010	33.0110	26.463	26.470	31.183	35.787	40.286	44.684	157.0	20.81	1452.8
120	0.984	0.978	33.0135	26.467	26.474	31.188	35.793	40.292	44.691	156.6	23.95	1453.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 14

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
14	035	3	8	1988	2230	62	50.2 N	179	30.0 W	83	7.2	1012.5	9.1	69

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.757	5.757	32.1922	25.373	25.389	29.978	34.473	38.867	43.167	259.7	0.00	1470.4
2	5.773	5.773	32.1125	25.309	25.324	29.915	34.409	38.803	43.103	265.8	0.53	1470.4
4	5.772	5.771	32.0962	25.296	25.311	29.902	34.397	38.791	43.091	267.1	1.06	1470.4
6	5.779	5.778	32.0918	25.292	25.307	29.898	34.392	38.787	43.087	267.5	1.60	1470.4
8	5.762	5.762	32.1162	25.313	25.328	29.919	34.414	38.808	43.108	265.5	2.13	1470.4
10	5.745	5.744	32.1752	25.362	25.377	29.968	34.462	38.857	43.157	260.9	2.66	1470.5
12	5.701	5.700	32.2346	25.414	25.429	30.021	34.515	38.911	43.211	256.0	3.18	1470.4
14	5.694	5.693	32.2408	25.419	25.435	30.026	34.521	38.917	43.217	255.4	3.70	1470.4
16	5.400	5.399	32.2568	25.467	25.482	30.081	34.582	38.984	43.290	251.0	4.21	1469.3
18	4.123	4.122	32.2279	25.583	25.595	30.228	34.760	39.189	43.523	240.2	4.71	1463.9
20	2.174	2.173	32.4064	25.899	25.907	30.592	35.171	39.645	44.021	210.5	5.19	1455.8
22	1.235	1.234	32.4327	25.986	25.992	30.704	35.307	39.805	44.202	202.3	5.61	1451.7
24	0.959	0.958	32.4641	26.028	26.034	30.754	35.364	39.868	44.272	198.3	6.02	1450.5
26	0.431	0.430	32.6312	26.192	26.197	30.931	35.555	40.071	44.487	182.8	6.41	1448.4
28	0.397	0.396	32.6888	26.240	26.245	30.980	35.604	40.121	44.537	178.2	6.78	1448.4
30	0.550	0.549	32.7462	26.278	26.284	31.013	35.632	40.145	44.557	174.6	7.13	1449.2
35	0.594	0.592	32.9462	26.436	26.442	31.168	35.784	40.294	44.704	159.6	8.01	1449.7
40	0.627	0.626	32.9692	26.453	26.458	31.184	35.799	40.308	44.716	158.0	8.80	1450.0
45	0.692	0.691	32.9966	26.471	26.477	31.200	35.813	40.320	44.727	156.3	9.59	1450.4
50	0.701	0.699	32.9958	26.470	26.476	31.199	35.811	40.318	44.724	156.4	10.38	1450.5
60	0.719	0.716	32.9972	26.470	26.476	31.198	35.810	40.317	44.723	156.3	11.94	1450.8
70	0.733	0.730	32.9972	26.469	26.475	31.197	35.809	40.315	44.720	156.4	13.50	1451.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 15

STATION NUMBER	CTD #	DAY MON	YEAR YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
15	037	4	8	1988	0200	62 33.0 N	178 30.0 W	97	7.0	1013.3	8.0 92

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.559	6.559	31.5818	24.793	24.810	29.384	33.866	38.247	42.535	314.8	0.00	1472.8
2	6.558	6.558	31.5796	24.792	24.808	29.384	33.864	38.246	42.534	314.9	0.63	1472.8
4	6.557	6.557	31.5527	24.771	24.787	29.363	33.844	38.226	42.514	317.0	1.26	1472.8
6	6.554	6.554	31.5540	24.772	24.789	29.364	33.845	38.227	42.515	316.8	1.89	1472.9
8	6.553	6.552	31.5540	24.772	24.789	29.365	33.846	38.227	42.516	316.8	2.53	1472.9
10	6.528	6.527	31.5760	24.793	24.809	29.385	33.867	38.249	42.538	314.9	3.16	1472.8
12	6.500	6.499	31.6007	24.816	24.832	29.409	33.890	38.273	42.562	312.8	3.79	1472.8
14	6.271	6.270	31.7028	24.925	24.941	29.523	34.009	38.395	42.688	302.4	4.41	1472.0
16	6.145	6.144	31.7276	24.960	24.976	29.561	34.049	38.439	42.733	299.1	5.02	1471.6
18	6.135	6.133	31.7426	24.973	24.989	29.574	34.063	38.452	42.747	297.9	5.62	1471.6
20	6.095	6.094	31.7565	24.989	25.005	29.590	34.080	38.470	42.766	296.4	6.21	1471.5
22	6.108	6.106	31.7643	24.994	25.010	29.595	34.084	38.474	42.769	296.0	6.81	1471.6
24	4.472	4.470	31.7375	25.159	25.172	29.799	34.326	38.751	43.081	280.5	7.40	1464.9
26	1.913	1.912	31.9803	25.578	25.585	30.282	34.870	39.354	43.739	241.0	7.96	1454.2
28	-0.197	-0.198	32.0479	25.753	25.757	30.515	35.161	39.699	44.135	224.5	8.44	1444.7
30	-0.819	-0.820	32.0961	25.816	25.819	30.596	35.259	39.813	44.265	218.6	8.89	1442.0
35	-1.039	-1.040	32.1010	25.827	25.830	30.613	35.283	39.843	44.300	217.5	9.98	1441.0
40	-1.146	-1.147	32.1523	25.872	25.874	30.661	35.333	39.896	44.355	213.2	11.07	1440.7
45	-1.327	-1.328	32.2366	25.945	25.947	30.738	35.415	39.982	44.446	206.3	12.14	1440.0
50	-1.396	-1.397	32.3196	26.014	26.016	30.809	35.487	40.055	44.520	199.7	13.17	1439.9
60	-1.011	-1.012	32.5079	26.155	26.158	30.937	35.602	40.158	44.611	186.2	15.16	1442.1
70	-1.073	-1.075	32.5502	26.191	26.194	30.974	35.641	40.199	44.653	182.7	17.03	1442.1
80	-1.048	-1.050	32.5526	26.192	26.195	30.975	35.641	40.198	44.652	182.5	18.85	1442.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 16

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
16	038	4	8	1988	0828	62	20.5 N	177	19.9 W	100	6.8	1010.4	10.2	63

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.541	6.541	31.5288	24.754	24.771	29.346	33.828	38.211	42.499	318.5	0.00	1472.7
2	6.548	6.548	31.5342	24.757	24.774	29.350	33.831	38.213	42.502	318.2	0.64	1472.7
4	6.547	6.547	31.5382	24.760	24.777	29.353	33.834	38.217	42.505	317.9	1.27	1472.8
6	6.538	6.537	31.5394	24.763	24.779	29.356	33.837	38.219	42.508	317.7	1.91	1472.8
8	6.533	6.533	31.5379	24.762	24.779	29.355	33.836	38.219	42.508	317.8	2.54	1472.8
10	6.532	6.531	31.5374	24.762	24.779	29.355	33.836	38.219	42.508	317.9	3.18	1472.8
12	6.532	6.531	31.5375	24.762	24.779	29.355	33.836	38.219	42.508	317.9	3.82	1472.8
14	6.533	6.532	31.5375	24.762	24.779	29.355	33.836	38.219	42.507	317.9	4.45	1472.9
16	6.536	6.534	31.5371	24.761	24.778	29.354	33.835	38.218	42.506	318.0	5.09	1472.9
18	6.543	6.541	31.5375	24.761	24.777	29.353	33.835	38.217	42.505	318.1	5.72	1473.0
20	6.548	6.547	31.5413	24.763	24.780	29.356	33.836	38.219	42.507	317.9	6.36	1473.0
22	6.398	6.396	31.5458	24.785	24.802	29.382	33.866	38.251	42.542	315.7	7.00	1472.5
24	4.641	4.639	31.6175	25.046	25.059	29.683	34.207	38.630	42.956	291.2	7.63	1465.4
26	1.690	1.688	31.8166	25.463	25.470	30.174	34.770	39.261	43.652	252.0	8.21	1453.0
28	0.801	0.800	31.8686	25.560	25.565	30.295	34.914	39.427	43.840	242.8	8.71	1449.1
30	0.198	0.197	31.9096	25.624	25.629	30.376	35.012	39.540	43.967	236.7	9.20	1446.4
35	-1.159	-1.160	31.9998	25.749	25.751	30.540	35.213	39.778	44.239	224.9	10.38	1440.3
40	-1.363	-1.364	32.0577	25.801	25.803	30.597	35.277	39.846	44.312	219.9	11.51	1439.5
45	-1.374	-1.375	32.1365	25.865	25.867	30.661	35.340	39.909	44.375	213.8	12.61	1439.6
50	-1.483	-1.484	32.2020	25.921	25.923	30.719	35.401	39.973	44.441	208.5	13.68	1439.3
60	-1.331	-1.332	32.3550	26.041	26.043	30.833	35.509	40.076	44.539	197.0	15.76	1440.4
70	-1.274	-1.275	32.5101	26.165	26.167	30.954	35.627	40.191	44.651	185.2	17.73	1441.1
80	-1.280	-1.282	32.5113	26.166	26.168	30.956	35.629	40.192	44.653	185.0	19.58	1441.2
90	-1.292	-1.294	32.5121	26.167	26.169	30.957	35.630	40.194	44.655	184.8	21.43	1441.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 17

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
17	039	4	8	1988	1141	62	10.0 N	176	20.0 W	95	7.5	1007.8	8.6	81

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.694	6.694	31.3498	24.594	24.611	29.183	33.664	38.044	42.331	333.8	0.00	1473.0
2	6.694	6.694	31.3502	24.594	24.611	29.185	33.664	38.044	42.331	333.7	0.67	1473.1
4	6.694	6.694	31.3525	24.596	24.613	29.186	33.666	38.046	42.333	333.6	1.33	1473.1
6	6.696	6.696	31.3219	24.571	24.588	29.162	33.642	38.022	42.309	335.9	2.00	1473.1
8	6.696	6.695	31.3217	24.571	24.588	29.162	33.642	38.022	42.309	336.0	2.67	1473.1
10	6.696	6.695	31.3233	24.573	24.590	29.163	33.643	38.023	42.310	335.9	3.35	1473.2
12	6.696	6.695	31.3254	24.574	24.591	29.165	33.644	38.025	42.312	335.7	4.02	1473.2
14	6.699	6.698	31.3270	24.575	24.592	29.166	33.645	38.026	42.313	335.7	4.69	1473.3
16	6.708	6.706	31.3460	24.589	24.606	29.179	33.658	38.038	42.325	334.4	5.36	1473.4
18	6.764	6.762	31.4131	24.634	24.652	29.223	33.700	38.079	42.364	330.1	6.03	1473.7
20	6.751	6.750	31.4401	24.657	24.674	29.246	33.723	38.102	42.387	327.9	6.69	1473.7
22	6.691	6.689	31.4489	24.672	24.689	29.262	33.741	38.120	42.406	326.5	7.34	1473.5
24	6.628	6.626	31.4564	24.686	24.703	29.277	33.757	38.138	42.426	325.2	8.00	1473.3
26	5.869	5.867	31.4249	24.756	24.771	29.365	33.862	38.259	42.561	318.7	8.65	1470.2
28	2.080	2.079	31.7254	25.362	25.370	30.064	34.650	39.132	43.514	261.5	9.29	1454.6
30	-0.256	-0.257	31.7935	25.551	25.555	30.317	34.966	39.508	43.947	243.7	9.81	1444.1
35	-0.663	-0.664	32.0248	25.753	25.756	30.529	35.188	39.739	44.187	224.5	11.03	1442.7
40	-1.145	-1.146	32.1699	25.886	25.888	30.675	35.347	39.909	44.369	211.9	12.15	1440.7
45	-1.294	-1.295	32.2152	25.927	25.929	30.720	35.395	39.962	44.425	208.0	13.21	1440.1
50	-1.474	-1.475	32.3029	26.002	26.004	30.800	35.480	40.051	44.518	200.8	14.25	1439.5
60	-1.553	-1.555	32.4482	26.122	26.124	30.921	35.602	40.174	44.642	189.3	16.26	1439.5
70	-1.561	-1.562	32.4497	26.123	26.125	30.922	35.604	40.176	44.644	189.1	18.15	1439.6
80	-1.568	-1.569	32.4520	26.125	26.127	30.924	35.606	40.179	44.647	188.8	20.04	1439.8

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 18

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
18	040	4	8	1988	1522	62	00.3 N	175	02.5 W	75	7.8	1006.7	10.0	86

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.286	7.286	31.1742	24.377	24.396	28.955	33.424	37.794	42.070	354.2	0.00	1475.2
2	7.285	7.285	31.1711	24.375	24.393	28.954	33.422	37.791	42.068	354.5	0.71	1475.2
4	7.285	7.285	31.1581	24.365	24.383	28.944	33.412	37.781	42.058	355.5	1.42	1475.2
6	7.285	7.284	31.1581	24.365	24.383	28.944	33.412	37.781	42.058	355.5	2.13	1475.2
8	7.284	7.283	31.1588	24.365	24.384	28.944	33.412	37.782	42.059	355.5	2.84	1475.3
10	7.285	7.284	31.1590	24.365	24.384	28.944	33.412	37.782	42.059	355.5	3.55	1475.3
12	7.286	7.285	31.1584	24.365	24.383	28.944	33.412	37.781	42.058	355.6	4.26	1475.3
14	7.287	7.286	31.1582	24.364	24.383	28.943	33.411	37.781	42.058	355.6	4.97	1475.4
16	7.289	7.287	31.1580	24.364	24.383	28.943	33.411	37.781	42.057	355.7	5.68	1475.4
18	7.287	7.285	31.1584	24.365	24.383	28.944	33.412	37.781	42.058	355.6	6.39	1475.4
20	6.185	6.183	31.6196	24.870	24.886	29.470	33.959	38.348	42.643	307.7	7.11	1471.7
22	2.044	2.043	31.6691	25.320	25.328	30.023	34.610	39.094	43.478	265.5	7.72	1454.3
24	0.712	0.711	31.9063	25.595	25.600	30.332	34.954	39.469	43.883	239.5	8.25	1448.6
26	-0.339	-0.339	31.9356	25.669	25.672	30.436	35.086	39.629	44.069	232.6	8.73	1443.9
28	-0.805	-0.806	31.9753	25.718	25.721	30.499	35.162	39.717	44.169	227.9	9.20	1441.8
30	-1.221	-1.222	32.0425	25.785	25.787	30.577	35.252	39.818	44.281	221.5	9.65	1440.0
35	-1.293	-1.294	32.1271	25.855	25.858	30.649	35.326	39.893	44.357	214.8	10.76	1439.9
40	-1.364	-1.365	32.2183	25.931	25.933	30.726	35.404	39.972	44.437	207.6	11.83	1439.7
45	-1.530	-1.530	32.3780	26.064	26.066	30.863	35.544	40.116	44.584	194.9	12.87	1439.3
50	-1.531	-1.532	32.3776	26.064	26.066	30.863	35.544	40.116	44.584	194.9	13.85	1439.3
60	-1.532	-1.533	32.3782	26.065	26.067	30.863	35.545	40.117	44.585	194.8	15.80	1439.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 19

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
19	042	4	8	1988	2301	62	25.0 N	174	00.0 W	63	8.1	1006.1	6.8	67

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.591	7.591	30.8772	24.103	24.122	28.676	33.141	37.506	41.779	380.3	0.00	1476.0
2	7.589	7.589	30.8610	24.090	24.109	28.665	33.129	37.494	41.767	381.6	0.76	1476.0
4	7.587	7.587	30.8605	24.090	24.109	28.665	33.128	37.494	41.767	381.6	1.53	1476.0
6	7.590	7.589	30.8583	24.088	24.107	28.663	33.126	37.492	41.765	381.8	2.29	1476.0
8	7.589	7.588	30.8633	24.092	24.111	28.667	33.130	37.496	41.769	381.5	3.05	1476.1
10	7.589	7.588	30.8672	24.095	24.114	28.670	33.133	37.499	41.772	381.2	3.82	1476.1
12	7.581	7.580	30.9094	24.129	24.148	28.704	33.167	37.533	41.805	378.0	4.58	1476.2
14	7.572	7.571	30.9113	24.132	24.151	28.706	33.170	37.536	41.809	377.7	5.33	1476.2
16	7.502	7.500	30.8934	24.128	24.147	28.704	33.169	37.536	41.811	378.2	6.09	1475.9
18	7.302	7.300	30.9239	24.179	24.197	28.759	33.229	37.600	41.877	373.4	6.85	1475.2
20	2.587	2.586	31.6553	25.268	25.276	29.956	34.530	39.000	43.371	270.4	7.59	1456.6
22	1.143	1.142	31.6316	25.350	25.356	30.077	34.689	39.195	43.601	262.8	8.13	1450.2
24	-0.417	-0.417	31.8224	25.581	25.584	30.351	35.005	39.550	43.993	241.0	8.66	1443.3
26	-0.890	-0.891	31.9200	25.676	25.679	30.460	35.126	39.684	44.139	231.9	9.14	1441.3
28	-1.023	-1.023	31.9781	25.727	25.730	30.514	35.184	39.745	44.203	227.0	9.60	1440.8
30	-1.171	-1.171	32.0009	25.750	25.752	30.541	35.215	39.780	44.241	224.9	10.06	1440.2
35	-1.435	-1.435	32.1467	25.875	25.877	30.673	35.353	39.924	44.392	213.0	11.18	1439.2
40	-1.600	-1.600	32.3735	26.062	26.064	30.863	35.547	40.120	44.590	195.1	12.25	1438.8
45	-1.601	-1.602	32.3623	26.053	26.055	30.854	35.538	40.112	44.582	196.0	13.22	1438.9
50	-1.604	-1.605	32.3559	26.048	26.050	30.849	35.533	40.107	44.577	196.4	14.20	1439.0
60	-1.604	-1.606	32.3492	26.043	26.045	30.844	35.528	40.102	44.572	196.8	16.17	1439.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 20

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
20	043	5	8	1988	0418	62	34.7 N	175	03.5 W	71	7.6	1005.4	7.2	64

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.853	6.853	30.9729	24.277	24.294	28.866	33.346	37.725	42.011	363.9	0.00	1473.2
2	6.853	6.852	30.9729	24.277	24.294	28.867	33.346	37.725	42.011	363.9	0.73	1473.2
4	6.853	6.852	30.9729	24.277	24.294	28.867	33.346	37.725	42.011	363.9	1.46	1473.3
6	6.853	6.852	30.9729	24.277	24.294	28.867	33.346	37.725	42.011	364.0	2.18	1473.3
8	6.853	6.852	30.9729	24.277	24.294	28.867	33.346	37.725	42.011	364.0	2.91	1473.3
10	6.853	6.852	30.9729	24.277	24.294	28.867	33.346	37.725	42.011	364.0	3.64	1473.3
12	6.849	6.848	30.9737	24.278	24.295	28.868	33.347	37.727	42.013	363.9	4.37	1473.4
14	6.844	6.843	30.9751	24.280	24.297	28.870	33.349	37.729	42.015	363.8	5.10	1473.4
16	6.840	6.839	30.9759	24.281	24.298	28.871	33.350	37.730	42.016	363.7	5.82	1473.4
18	6.732	6.730	31.0080	24.320	24.337	28.913	33.394	37.776	42.064	360.0	6.55	1473.0
20	5.989	5.988	31.0221	24.424	24.440	29.033	33.531	37.928	42.231	350.2	7.27	1470.1
22	0.897	0.896	31.6979	25.418	25.423	30.151	34.769	39.281	43.693	256.4	7.97	1449.2
24	-0.155	-0.155	31.9673	25.687	25.691	30.448	35.093	39.631	44.066	230.9	8.48	1444.8
26	-0.417	-0.418	31.9983	25.723	25.726	30.491	35.143	39.688	44.130	227.5	8.94	1443.6
28	-0.714	-0.715	32.0930	25.810	25.813	30.587	35.246	39.798	44.247	219.2	9.40	1442.4
30	-0.934	-0.935	32.1486	25.862	25.865	30.645	35.311	39.868	44.322	214.2	9.84	1441.5
35	-1.289	-1.290	32.1939	25.909	25.912	30.702	35.378	39.945	44.408	209.7	10.91	1440.0
40	-1.486	-1.487	32.2593	25.967	25.969	30.766	35.447	40.018	44.486	204.2	11.96	1439.2
45	-1.590	-1.591	32.3011	26.004	26.005	30.805	35.488	40.063	44.533	200.7	12.98	1438.9
50	-1.628	-1.629	32.3139	26.015	26.017	30.817	35.502	40.077	44.548	199.6	13.98	1438.8
60	-1.633	-1.634	32.3016	26.005	26.007	30.807	35.492	40.068	44.539	200.4	15.98	1438.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 21

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
21	045	5	8	1988	0732	62	44.0 N	176	11.0 W	86	7.8	1005.2	7.4	64

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.548	6.548	31.2312	24.519	24.536	29.113	33.597	37.982	42.272	340.9	0.00	1472.3
2	6.549	6.549	31.2184	24.509	24.526	29.104	33.587	37.972	42.262	341.9	0.68	1472.3
4	6.550	6.550	31.2092	24.502	24.518	29.097	33.580	37.964	42.255	342.6	1.37	1472.4
6	6.551	6.550	31.2089	24.501	24.518	29.096	33.580	37.964	42.255	342.6	2.05	1472.4
8	6.550	6.550	31.2190	24.509	24.526	29.104	33.588	37.972	42.262	341.9	2.74	1472.4
10	6.546	6.545	31.2994	24.573	24.590	29.167	33.650	38.034	42.324	335.8	3.42	1472.6
12	6.400	6.399	31.2946	24.588	24.604	29.186	33.672	38.059	42.352	334.5	4.09	1472.0
14	6.329	6.328	31.2853	24.589	24.606	29.189	33.677	38.065	42.359	334.4	4.76	1471.7
16	6.200	6.198	31.2741	24.597	24.613	29.199	33.690	38.081	42.378	333.7	5.43	1471.2
18	4.241	4.240	31.3927	24.910	24.922	29.558	34.093	38.526	42.863	304.2	6.10	1463.3
20	2.122	2.121	31.7145	25.350	25.358	30.051	34.636	39.117	43.499	262.6	6.71	1454.6
22	1.882	1.881	31.7503	25.396	25.404	30.103	34.694	39.181	43.568	258.3	7.23	1453.7
24	1.771	1.770	31.7671	25.418	25.425	30.127	34.721	39.210	43.600	256.2	7.75	1453.2
26	1.668	1.667	31.7826	25.437	25.444	30.149	34.746	39.237	43.629	254.4	8.26	1452.8
28	-1.066	-1.066	32.1926	25.902	25.904	30.688	35.357	39.918	44.375	210.4	8.77	1440.9
30	-1.157	-1.158	32.1828	25.897	25.899	30.686	35.358	39.921	44.381	210.9	9.19	1440.5
35	-1.298	-1.299	32.2250	25.935	25.937	30.728	35.403	39.970	44.433	207.3	10.25	1440.0
40	-1.423	-1.424	32.2763	25.979	25.982	30.776	35.455	40.025	44.491	203.0	11.28	1439.5
45	-1.426	-1.427	32.3574	26.045	26.047	30.841	35.519	40.088	44.554	196.7	12.30	1439.7
50	-1.411	-1.412	32.3575	26.045	26.047	30.840	35.518	40.087	44.552	196.7	13.28	1439.9
60	-1.391	-1.393	32.3558	26.043	26.045	30.838	35.515	40.083	44.548	196.8	15.25	1440.1
70	-1.311	-1.312	32.3642	26.048	26.050	30.840	35.515	40.081	44.543	196.3	17.22	1440.7
80	-1.212	-1.213	32.3820	26.059	26.062	30.848	35.520	40.083	44.543	195.1	19.18	1441.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 22

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
22	046	5	8	1988	1218	63 00.4 N	176 00.1 W	88	7.1	1006.3	7.3	25

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DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.527	6.527	31.4254	24.674	24.691	29.267	33.751	38.134	42.424	326.1	0.00	1472.5
2	6.527	6.526	31.4254	24.674	24.691	29.269	33.751	38.134	42.424	326.1	0.65	1472.5
4	6.527	6.526	31.4248	24.674	24.691	29.268	33.750	38.134	42.423	326.2	1.30	1472.5
6	6.527	6.527	31.4253	24.674	24.691	29.268	33.751	38.134	42.423	326.2	1.96	1472.6
8	6.526	6.526	31.4250	24.674	24.691	29.268	33.751	38.134	42.423	326.2	2.61	1472.6
10	6.526	6.525	31.4246	24.674	24.691	29.268	33.750	38.134	42.423	326.2	3.26	1472.6
12	6.526	6.525	31.4252	24.674	24.691	29.268	33.751	38.134	42.424	326.2	3.91	1472.7
14	6.521	6.520	31.4262	24.676	24.693	29.270	33.752	38.136	42.426	326.1	4.57	1472.7
16	6.498	6.497	31.4315	24.683	24.700	29.277	33.760	38.144	42.434	325.4	5.22	1472.6
18	6.482	6.481	31.4329	24.686	24.703	29.281	33.764	38.149	42.439	325.2	5.87	1472.6
20	6.450	6.448	31.4373	24.694	24.710	29.289	33.773	38.158	42.449	324.5	6.52	1472.5
22	6.429	6.427	31.4389	24.698	24.714	29.294	33.778	38.163	42.455	324.1	7.17	1472.5
24	5.596	5.594	31.4611	24.817	24.831	29.432	33.934	38.337	42.645	313.0	7.82	1469.1
26	0.393	0.392	31.8502	25.567	25.572	30.314	34.944	39.468	43.891	242.2	8.44	1447.1
28	-0.081	-0.082	32.0588	25.757	25.761	30.516	35.158	39.693	44.125	224.1	8.93	1445.3
30	-0.511	-0.512	32.1003	25.808	25.812	30.579	35.233	39.779	44.222	219.3	9.38	1443.4
35	-0.855	-0.855	32.1938	25.896	25.899	30.676	35.339	39.894	44.345	210.9	10.47	1442.0
40	-1.206	-1.206	32.2018	25.913	25.916	30.704	35.377	39.941	44.402	209.3	11.53	1440.5
45	-1.212	-1.213	32.2375	25.942	25.945	30.733	35.406	39.970	44.431	206.5	12.57	1440.6
50	-1.332	-1.333	32.2546	25.960	25.962	30.753	35.430	39.997	44.461	204.8	13.61	1440.1
60	-1.025	-1.026	32.4065	26.073	26.076	30.857	35.523	40.081	44.535	193.9	15.65	1441.9
70	0.346	0.343	32.6437	26.207	26.212	30.948	35.574	40.093	44.510	181.3	17.59	1448.8
80	0.477	0.474	32.7043	26.249	26.254	30.986	35.607	40.122	44.536	177.3	19.41	1449.6

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 23

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
23	047	5	8	1988	1804	63	22.0 N	177	50.0 W	80	6.9	1006.6	5.5	330

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.257	6.257	31.7872	24.993	25.009	29.589	34.076	38.463	42.755	295.8	0.00	1471.9
2	6.258	6.258	31.7806	24.988	25.004	29.585	34.071	38.457	42.750	296.3	0.59	1471.9
4	6.256	6.256	31.7630	24.974	24.990	29.572	34.058	38.444	42.737	297.6	1.18	1471.9
6	6.279	6.278	31.7776	24.983	24.999	29.580	34.065	38.451	42.743	296.8	1.78	1472.0
8	6.344	6.343	31.8257	25.012	25.029	29.608	34.091	38.476	42.766	294.0	2.37	1472.4
10	6.333	6.332	31.8309	25.018	25.034	29.613	34.097	38.482	42.772	293.5	2.96	1472.4
12	6.272	6.271	31.8361	25.030	25.046	29.626	34.111	38.497	42.789	292.4	3.55	1472.2
14	6.020	6.019	31.8723	25.089	25.105	29.692	34.182	38.573	42.869	286.8	4.13	1471.3
16	5.914	5.913	31.8681	25.099	25.115	29.704	34.197	38.590	42.888	285.9	4.71	1470.8
18	5.516	5.515	31.9769	25.233	25.247	29.846	34.347	38.747	43.053	273.3	5.28	1469.4
20	5.047	5.045	32.0171	25.318	25.332	29.942	34.453	38.864	43.179	265.3	5.82	1467.6
22	4.788	4.786	32.0342	25.360	25.373	29.990	34.507	38.924	43.244	261.3	6.36	1466.5
24	4.705	4.703	32.0386	25.373	25.386	30.005	34.524	38.942	43.264	260.2	6.88	1466.2
26	2.490	2.489	32.1964	25.706	25.715	30.393	34.965	39.433	43.803	228.7	7.40	1457.0
28	2.373	2.371	32.1979	25.717	25.725	30.407	34.982	39.453	43.825	227.7	7.86	1456.5
30	2.342	2.340	32.2001	25.721	25.729	30.412	34.987	39.459	43.832	227.4	8.31	1456.4
35	0.483	0.481	32.3757	25.984	25.989	30.724	35.348	39.865	44.282	202.5	9.45	1448.4
40	0.152	0.151	32.3620	25.990	25.995	30.740	35.373	39.899	44.323	201.9	10.46	1447.0
45	-0.366	-0.368	32.4648	26.096	26.100	30.860	35.506	40.046	44.483	191.9	11.47	1444.8
50	-0.412	-0.413	32.4818	26.112	26.116	30.876	35.524	40.065	44.503	190.3	12.43	1444.7
60	-0.760	-0.761	32.6177	26.235	26.238	31.008	35.665	40.214	44.660	178.6	14.33	1443.5
70	-0.461	-0.463	32.6508	26.250	26.254	31.015	35.663	40.203	44.641	177.2	16.12	1445.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 24

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
24	049	5	8	1988	2240	63	40.8 N	178	28.4 W	81	7.4	1006.6	2.1	308

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.935	4.935	32.4127	25.643	25.657	30.266	34.778	39.188	43.503	234.2	0.00	1467.3
2	4.859	4.859	32.2378	25.513	25.527	30.140	34.654	39.067	43.385	246.6	0.49	1466.8
4	4.809	4.809	32.1582	25.456	25.469	30.084	34.600	39.015	43.334	252.1	0.98	1466.5
6	4.786	4.786	32.1460	25.449	25.462	30.078	34.594	39.010	43.330	252.8	1.49	1466.4
8	4.732	4.732	32.1491	25.457	25.470	30.087	34.605	39.022	43.343	252.0	1.99	1466.2
10	4.594	4.594	32.1864	25.501	25.514	30.135	34.656	39.075	43.399	247.8	2.50	1465.7
12	3.908	3.907	32.3425	25.696	25.707	30.345	34.881	39.315	43.652	229.5	2.99	1463.1
14	3.024	3.024	32.6931	26.057	26.067	30.726	35.280	39.732	44.086	195.3	3.45	1459.8
16	2.745	2.744	32.7889	26.157	26.167	30.833	35.394	39.851	44.211	185.8	3.84	1458.8
18	2.434	2.433	32.8834	26.259	26.267	30.941	35.509	39.974	44.340	176.3	4.21	1457.6
20	1.785	1.784	33.0473	26.440	26.447	31.138	35.722	40.201	44.581	159.1	4.57	1455.0
22	1.129	1.128	33.0881	26.518	26.524	31.234	35.834	40.329	44.725	151.8	4.88	1452.1
24	0.955	0.954	33.0993	26.538	26.544	31.258	35.864	40.363	44.762	149.9	5.19	1451.4
26	0.953	0.952	33.0719	26.516	26.522	31.237	35.842	40.342	44.742	152.0	5.49	1451.4
28	0.955	0.954	33.0704	26.514	26.521	31.235	35.841	40.341	44.740	152.1	5.79	1451.4
30	0.953	0.951	33.0631	26.509	26.515	31.230	35.835	40.335	44.735	152.7	6.10	1451.4
35	0.937	0.935	33.0540	26.502	26.509	31.224	35.830	40.330	44.730	153.3	6.86	1451.4
40	0.943	0.941	33.0484	26.498	26.504	31.219	35.825	40.325	44.725	153.7	7.63	1451.5
45	0.960	0.958	33.0487	26.497	26.503	31.218	35.823	40.323	44.722	153.8	8.39	1451.7
50	0.987	0.985	33.0526	26.498	26.505	31.218	35.823	40.322	44.721	153.7	9.16	1451.9
60	1.178	1.175	33.0801	26.508	26.515	31.223	35.822	40.316	44.710	152.7	10.70	1453.0
70	1.249	1.246	33.0997	26.519	26.526	31.232	35.829	40.321	44.713	151.7	12.23	1453.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 26

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
26	051	6	8	1988	0753	65	00.0 N	178	40.0 W	55	10.2	1003.9	4.1	180

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.019	9.019	30.9961	23.986	24.008	28.527	32.963	37.300	41.546	391.1	0.00	1481.6
2	8.150	8.149	31.4209	24.448	24.469	29.007	33.455	37.806	42.065	347.3	0.74	1478.9
4	7.894	7.893	31.5262	24.568	24.588	29.131	33.584	37.939	42.202	336.0	1.44	1478.1
6	5.961	5.961	32.1802	25.339	25.355	29.940	34.430	38.820	43.116	263.0	2.11	1471.3
8	1.956	1.956	32.7979	26.228	26.236	30.924	35.505	39.982	44.359	179.2	2.63	1455.2
10	0.932	0.931	32.9710	26.436	26.442	31.159	35.766	40.267	44.667	159.6	2.99	1450.9
12	0.827	0.826	32.9449	26.422	26.428	31.147	35.757	40.261	44.665	161.0	3.31	1450.4
14	0.799	0.798	32.9774	26.449	26.455	31.176	35.786	40.290	44.694	158.3	3.63	1450.4
16	0.779	0.778	32.9722	26.446	26.452	31.173	35.784	40.289	44.694	158.6	3.95	1450.3
18	0.777	0.776	32.9667	26.442	26.448	31.169	35.780	40.285	44.690	159.0	4.27	1450.3
20	0.601	0.600	32.9675	26.453	26.459	31.185	35.800	40.310	44.719	158.0	4.59	1449.5
22	0.359	0.358	32.9666	26.466	26.471	31.204	35.826	40.342	44.757	156.8	4.90	1448.5
24	0.314	0.313	32.9630	26.465	26.470	31.205	35.829	40.346	44.762	156.9	5.22	1448.3
26	0.309	0.308	32.9612	26.464	26.469	31.204	35.828	40.345	44.761	157.0	5.53	1448.3
28	0.311	0.310	32.9552	26.459	26.464	31.199	35.823	40.340	44.756	157.5	5.84	1448.3
30	0.311	0.310	32.9554	26.459	26.464	31.199	35.823	40.340	44.756	157.4	6.16	1448.4
35	0.313	0.312	32.9566	26.460	26.465	31.200	35.824	40.341	44.757	157.4	6.95	1448.5
40	0.407	0.406	32.9639	26.461	26.466	31.198	35.819	40.334	44.748	157.2	7.73	1449.0
45	0.460	0.459	32.9795	26.471	26.476	31.206	35.826	40.339	44.751	156.3	8.52	1449.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 27

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
27	054	6	8	1988	1157	64	43.3 N	177	48.2 W	64	6.3	1002.1	4.7	177

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.262	6.262	32.8132	25.800	25.816	30.388	34.868	39.247	43.532	219.0	0.00	1473.2
2	6.265	6.265	32.7720	25.767	25.784	30.357	34.835	39.215	43.501	222.2	0.44	1473.2
4	6.224	6.223	32.7767	25.776	25.792	30.367	34.846	39.226	43.513	221.4	0.89	1473.1
6	6.226	6.226	32.7352	25.743	25.759	30.334	34.814	39.194	43.481	224.5	1.33	1473.1
8	5.522	5.522	32.8095	25.888	25.904	30.495	34.990	39.385	43.685	210.8	1.78	1470.4
10	5.479	5.478	32.8096	25.894	25.909	30.501	34.997	39.393	43.694	210.4	2.20	1470.2
12	5.457	5.456	32.8090	25.896	25.911	30.504	35.000	39.397	43.698	210.2	2.62	1470.2
14	4.997	4.996	32.7762	25.923	25.937	30.543	35.050	39.456	43.767	207.7	3.04	1468.3
16	4.756	4.755	32.7984	25.968	25.981	30.593	35.105	39.517	43.833	203.5	3.46	1467.3
18	4.605	4.604	32.8108	25.994	26.007	30.623	35.138	39.553	43.872	201.0	3.87	1466.7
20	4.436	4.434	32.8272	26.025	26.038	30.658	35.178	39.596	43.919	198.1	4.27	1466.1
22	0.979	0.978	33.1250	26.557	26.563	31.277	35.881	40.380	44.778	148.1	4.66	1451.5
24	0.843	0.842	33.1107	26.554	26.560	31.277	35.885	40.388	44.790	148.4	4.96	1450.9
26	0.740	0.739	33.1025	26.553	26.559	31.280	35.891	40.396	44.800	148.5	5.26	1450.5
28	0.763	0.761	33.1042	26.553	26.559	31.279	35.890	40.394	44.798	148.5	5.55	1450.6
30	0.749	0.748	33.1042	26.554	26.560	31.281	35.891	40.396	44.800	148.4	5.85	1450.6
35	0.727	0.725	33.0995	26.552	26.557	31.279	35.890	40.395	44.800	148.6	6.59	1450.5
40	0.723	0.721	33.0952	26.548	26.554	31.276	35.887	40.393	44.798	148.9	7.34	1450.6
45	0.723	0.721	33.0918	26.546	26.552	31.273	35.884	40.390	44.795	149.2	8.08	1450.7
50	0.723	0.721	33.0898	26.544	26.550	31.271	35.883	40.388	44.793	149.3	8.83	1450.8

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 28

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
28	055	6	8	1988	1636	64	15.0 N	177	30.0 W	78	6.4	1001.5	6.4	120

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.757	5.757	32.0541	25.265	25.280	29.871	34.367	38.762	43.062	270.0	0.00	1470.2
2	4.810	4.809	32.2670	25.542	25.555	30.170	34.685	39.099	43.417	243.9	0.48	1466.6
4	4.762	4.762	32.2557	25.538	25.551	30.167	34.683	39.099	43.418	244.3	0.97	1466.4
6	4.482	4.482	32.1876	25.514	25.527	30.150	34.674	39.096	43.422	246.6	1.46	1465.2
8	4.201	4.201	32.1963	25.550	25.562	30.193	34.723	39.151	43.483	243.2	1.95	1464.1
10	4.071	4.071	32.1765	25.548	25.559	30.194	34.727	39.159	43.494	243.5	2.44	1463.5
12	3.818	3.818	32.2188	25.606	25.618	30.259	34.798	39.234	43.574	238.0	2.93	1462.5
14	2.908	2.907	32.1911	25.668	25.677	30.343	34.905	39.363	43.724	232.3	3.40	1458.6
16	2.677	2.676	32.2921	25.767	25.776	30.448	35.015	39.478	43.843	222.9	3.87	1457.8
18	2.357	2.356	32.2924	25.794	25.802	30.483	35.058	39.528	43.901	220.4	4.31	1456.4
20	3.698	3.697	32.4891	25.832	25.844	30.486	35.025	39.463	43.804	216.6	4.75	1462.5
22	3.684	3.683	32.5224	25.860	25.871	30.514	35.053	39.491	43.832	214.0	5.19	1462.5
24	3.618	3.617	32.5730	25.907	25.918	30.561	35.102	39.541	43.883	209.5	5.62	1462.4
26	3.328	3.327	32.5497	25.915	25.926	30.578	35.126	39.572	43.920	208.8	6.03	1461.1
28	2.766	2.764	32.5739	25.984	25.994	30.661	35.223	39.682	44.043	202.3	6.45	1458.8
30	2.808	2.806	32.5890	25.993	26.002	30.668	35.229	39.687	44.047	201.5	6.86	1459.0
35	3.166	3.164	32.7280	26.072	26.082	30.737	35.288	39.736	44.087	194.0	7.86	1460.8
40	1.017	1.015	32.7153	26.226	26.232	30.948	35.555	40.056	44.456	179.5	8.83	1451.4
45	0.929	0.928	32.9234	26.398	26.404	31.121	35.728	40.230	44.631	163.2	9.73	1451.4
50	0.752	0.750	32.9568	26.436	26.441	31.163	35.775	40.281	44.686	159.6	10.55	1450.7
60	0.748	0.746	32.9492	26.430	26.436	31.157	35.769	40.275	44.681	160.2	12.14	1450.8
70	0.747	0.745	32.9463	26.428	26.433	31.155	35.767	40.273	44.679	160.4	13.74	1451.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 29

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
29	056	6	8	1988	1926	63	49.5 N	176	57.9 W	88	7.2	1000.8	6.3	155

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.889	6.889	31.6316	24.789	24.807	29.372	33.847	38.221	42.502	315.1	0.00	1474.2
2	6.891	6.891	31.5911	24.757	24.775	29.342	33.815	38.190	42.471	318.1	0.64	1474.2
4	6.891	6.891	31.5804	24.749	24.766	29.333	33.807	38.182	42.463	319.0	1.27	1474.2
6	6.892	6.891	31.5806	24.749	24.766	29.334	33.807	38.182	42.463	319.0	1.91	1474.2
8	6.871	6.870	31.5827	24.753	24.771	29.338	33.812	38.187	42.469	318.6	2.55	1474.2
10	6.788	6.787	31.5889	24.769	24.786	29.356	33.831	38.208	42.492	317.1	3.18	1473.9
12	6.623	6.622	31.5964	24.796	24.813	29.387	33.866	38.246	42.533	314.6	3.82	1473.3
14	6.518	6.517	31.6004	24.813	24.830	29.406	33.887	38.270	42.558	313.0	4.45	1472.9
16	6.169	6.168	31.6496	24.896	24.912	29.496	33.985	38.374	42.669	305.2	5.07	1471.6
18	6.073	6.071	31.7242	24.966	24.982	29.569	34.059	38.450	42.746	298.5	5.68	1471.3
20	5.792	5.790	31.8926	25.133	25.149	29.741	34.236	38.631	42.932	282.7	6.28	1470.5
22	5.495	5.493	31.9708	25.230	25.245	29.844	34.345	38.747	43.053	273.6	6.85	1469.4
24	5.484	5.482	32.0122	25.264	25.279	29.878	34.379	38.780	43.087	270.3	7.39	1469.4
26	5.368	5.366	32.0305	25.292	25.307	29.908	34.412	38.816	43.125	267.7	7.94	1469.0
28	5.261	5.259	32.0695	25.335	25.350	29.954	34.460	38.865	43.176	263.7	8.47	1468.6
30	4.290	4.288	32.0050	25.390	25.402	30.032	34.561	38.989	43.320	258.6	9.00	1464.5
35	0.291	0.289	32.1356	25.801	25.806	30.549	35.180	39.704	44.127	219.9	10.29	1447.2
40	0.179	0.177	32.2917	25.932	25.937	30.681	35.314	39.840	44.265	207.4	11.39	1447.0
45	-1.134	-1.135	32.2779	25.973	25.975	30.760	35.431	39.993	44.451	203.6	12.43	1441.0
50	-1.405	-1.406	32.3231	26.017	26.019	30.812	35.490	40.059	44.524	199.4	13.45	1439.8
60	-0.416	-0.418	32.5202	26.143	26.147	30.907	35.555	40.095	44.533	187.3	15.44	1444.9
70	0.378	0.376	32.7449	26.286	26.292	31.026	35.650	40.167	44.583	173.7	17.31	1449.0
80	0.463	0.460	32.7682	26.301	26.306	31.038	35.659	40.174	44.588	172.4	19.05	1449.6

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 30

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
30	058	6	8	1988	2227	64	10.0 N	176	00.0 W	79	8.0	1001.9	7.2	259

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.968	6.968	31.7724	24.889	24.907	29.469	33.941	38.313	42.592	305.5	0.00	1474.7
2	6.954	6.954	31.8233	24.931	24.949	29.513	33.983	38.355	42.633	301.6	0.59	1474.7
4	6.941	6.941	31.7055	24.840	24.858	29.423	33.894	38.267	42.547	310.2	1.20	1474.6
6	6.923	6.922	31.6871	24.828	24.846	29.411	33.883	38.257	42.537	311.4	1.82	1474.5
8	6.675	6.674	31.7236	24.890	24.907	29.478	33.955	38.333	42.618	305.6	2.44	1473.6
10	6.578	6.577	31.7149	24.895	24.912	29.486	33.965	38.346	42.632	305.1	3.05	1473.2
12	6.555	6.554	31.7172	24.900	24.917	29.491	33.971	38.352	42.639	304.7	3.66	1473.2
14	6.529	6.528	31.7133	24.900	24.917	29.492	33.973	38.354	42.641	304.7	4.27	1473.1
16	6.307	6.306	31.7071	24.924	24.940	29.521	34.006	38.392	42.684	302.6	4.88	1472.2
18	5.818	5.817	31.7650	25.030	25.045	29.637	34.133	38.529	42.830	292.6	5.49	1470.4
20	4.631	4.629	31.7919	25.185	25.198	29.821	34.344	38.765	43.091	278.0	6.07	1465.5
22	4.130	4.129	32.1931	25.555	25.567	30.200	34.731	39.161	43.495	242.9	6.63	1464.0
24	3.816	3.814	32.1598	25.560	25.571	30.213	34.752	39.189	43.530	242.5	7.11	1462.6
26	3.643	3.641	32.1385	25.559	25.570	30.217	34.761	39.202	43.547	242.6	7.60	1461.9
28	2.988	2.986	32.1564	25.633	25.643	30.307	34.867	39.323	43.682	235.6	8.08	1459.2
30	2.282	2.280	32.2285	25.748	25.757	30.440	35.017	39.490	43.865	224.8	8.55	1456.2
35	0.821	0.820	32.1224	25.762	25.768	30.495	35.111	39.622	44.032	223.6	9.68	1449.6
40	0.428	0.427	32.2891	25.918	25.923	30.660	35.286	39.805	44.224	208.8	10.80	1448.1
45	0.041	0.040	32.3883	26.017	26.021	30.769	35.405	39.934	44.361	199.4	11.84	1446.6
50	-1.042	-1.043	32.4844	26.137	26.140	30.920	35.586	40.143	44.598	188.0	12.84	1441.8
60	0.412	0.410	32.7740	26.308	26.313	31.047	35.669	40.185	44.600	171.7	14.72	1449.1
70	0.480	0.478	32.7957	26.322	26.327	31.058	35.679	40.193	44.606	170.4	16.43	1449.6

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 31

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
31	059	7	8	1988	0113	64	20.0 N	175	00.0 W	72	8.0	1000.2	3.8	238

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.675	5.675	32.3920	25.541	25.556	30.146	34.642	39.036	43.336	243.8	0.00	1470.3
2	5.645	5.645	32.3499	25.511	25.526	30.119	34.614	39.009	43.310	246.6	0.49	1470.2
4	5.623	5.622	32.3351	25.502	25.517	30.110	34.606	39.002	43.304	247.5	0.99	1470.1
6	5.493	5.493	32.3696	25.545	25.560	30.156	34.654	39.053	43.357	243.5	1.48	1469.6
8	5.435	5.434	32.3333	25.523	25.538	30.136	34.636	39.036	43.341	245.6	1.97	1469.4
10	5.424	5.423	32.3759	25.558	25.573	30.171	34.671	39.071	43.376	242.3	2.46	1469.4
12	5.026	5.025	32.3263	25.565	25.579	30.187	34.696	39.105	43.419	241.8	2.94	1467.8
14	4.408	4.407	32.3882	25.681	25.693	30.318	34.841	39.263	43.589	230.8	3.43	1465.3
16	4.283	4.281	32.4694	25.758	25.771	30.397	34.923	39.348	43.676	223.5	3.89	1464.9
18	3.681	3.680	32.4373	25.793	25.804	30.447	34.988	39.426	43.768	220.3	4.34	1462.3
20	3.888	3.887	32.5493	25.862	25.873	30.510	35.044	39.477	43.813	213.8	4.78	1463.4
22	4.160	4.159	32.5617	25.844	25.856	30.485	35.013	39.440	43.770	215.4	5.20	1464.6
24	3.461	3.460	32.5305	25.888	25.899	30.547	35.092	39.535	43.880	211.4	5.63	1461.6
26	2.534	2.533	32.4537	25.908	25.917	30.591	35.160	39.626	43.993	209.6	6.06	1457.6
28	1.205	1.204	32.4787	26.025	26.031	30.743	35.347	39.845	44.243	198.6	6.48	1451.7
30	0.910	0.909	32.4581	26.026	26.032	30.753	35.365	39.871	44.276	198.5	6.87	1450.4
35	-0.696	-0.697	32.4778	26.120	26.123	30.893	35.549	40.097	44.542	189.7	7.87	1443.1
40	-0.737	-0.738	32.5680	26.194	26.197	30.967	35.624	40.172	44.618	182.6	8.81	1443.2
45	0.004	0.003	32.6761	26.250	26.254	31.001	35.635	40.163	44.589	177.3	9.73	1446.8
50	0.558	0.556	32.8525	26.363	26.369	31.097	35.715	40.226	44.637	166.5	10.61	1449.7
60	0.636	0.634	32.9443	26.432	26.438	31.163	35.778	40.287	44.695	159.9	12.28	1450.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 32

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
32	060	7	8	1988	0327	63	59.7 N	174	59.9 W	76	6.8	1001.0	8.3	330
DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL		
0	7.251	7.251	31.7094	24.801	24.820	29.376	33.842	38.209	42.482	313.8	0.00	1475.7		
2	7.191	7.190	31.7166	24.815	24.834	29.392	33.858	38.226	42.501	312.5	0.62	1475.5		
4	7.192	7.192	31.7162	24.815	24.833	29.392	33.858	38.226	42.500	312.6	1.25	1475.6		
6	7.172	7.172	31.7194	24.820	24.838	29.397	33.864	38.232	42.507	312.1	1.87	1475.5		
8	7.129	7.128	31.7128	24.821	24.839	29.399	33.867	38.236	42.512	312.1	2.50	1475.4		
10	6.616	6.615	31.7952	24.953	24.971	29.543	34.021	38.399	42.685	299.6	3.12	1473.5		
12	6.525	6.524	31.8043	24.972	24.989	29.564	34.043	38.424	42.711	297.8	3.72	1473.2		
14	6.338	6.337	31.8318	25.018	25.034	29.613	34.097	38.481	42.772	293.5	4.32	1472.5		
16	6.114	6.113	31.8748	25.080	25.096	29.680	34.168	38.557	42.852	287.7	4.90	1471.7		
18	5.844	5.843	31.9439	25.167	25.183	29.773	34.267	38.661	42.961	279.5	5.48	1470.7		
20	5.687	5.685	31.9784	25.214	25.229	29.823	34.320	38.717	43.019	275.1	6.04	1470.1		
22	5.635	5.634	31.9864	25.226	25.241	29.836	34.334	38.733	43.036	273.9	6.59	1470.0		
24	5.523	5.522	31.9929	25.244	25.259	29.857	34.358	38.758	43.064	272.2	7.14	1469.6		
26	4.882	4.880	32.0758	25.383	25.396	30.010	34.525	38.939	43.257	259.2	7.68	1467.1		
28	4.589	4.587	32.0996	25.433	25.446	30.068	34.589	39.009	43.334	254.4	8.20	1465.9		
30	2.799	2.797	32.0536	25.567	25.577	30.247	34.812	39.274	43.638	241.9	8.71	1458.2		
35	0.297	0.296	32.2020	25.854	25.859	30.601	35.231	39.755	44.177	214.9	9.92	1447.3		
40	0.022	0.020	32.3507	25.987	25.992	30.741	35.377	39.907	44.335	202.2	10.99	1446.4		
45	0.124	0.122	32.5211	26.120	26.124	30.868	35.501	40.027	44.451	189.6	12.00	1447.2		
50	-0.013	-0.015	32.7206	26.287	26.291	31.038	35.672	40.200	44.626	173.8	12.95	1446.9		
60	0.787	0.785	32.8741	26.367	26.373	31.094	35.706	40.211	44.617	166.1	14.69	1450.9		
70	0.748	0.745	32.8894	26.382	26.388	31.110	35.722	40.229	44.635	164.7	16.35	1450.9		

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 33

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
33	062	7	8	1988	0916	63 30.0 N	175 00.0 W	79	7.3	1004.9	9.4	321

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.054	7.054	31.3664	24.559	24.577	29.140	33.613	37.986	42.266	336.9	0.00	1474.5
2	7.051	7.050	31.3645	24.558	24.576	29.141	33.612	37.985	42.265	337.1	0.67	1474.5
4	7.052	7.052	31.3593	24.554	24.572	29.136	33.608	37.981	42.261	337.5	1.35	1474.5
6	7.051	7.050	31.3584	24.553	24.571	29.136	33.607	37.981	42.260	337.6	2.02	1474.6
8	7.045	7.044	31.3600	24.555	24.573	29.138	33.610	37.983	42.263	337.4	2.70	1474.6
10	7.042	7.041	31.3606	24.556	24.574	29.139	33.611	37.984	42.264	337.3	3.37	1474.6
12	6.985	6.984	31.3774	24.577	24.595	29.161	33.634	38.008	42.289	335.4	4.05	1474.4
14	6.578	6.577	31.4712	24.704	24.721	29.296	33.777	38.159	42.447	323.4	4.72	1473.0
16	6.538	6.536	31.5081	24.738	24.755	29.331	33.813	38.195	42.484	320.2	5.37	1472.9
18	6.579	6.577	31.5232	24.745	24.762	29.337	33.817	38.199	42.487	319.6	6.01	1473.1
20	6.450	6.448	31.5188	24.758	24.774	29.353	33.836	38.220	42.511	318.4	6.64	1472.6
22	5.585	5.584	31.5270	24.870	24.885	29.485	33.987	38.390	42.697	307.9	7.28	1469.2
24	2.016	2.015	31.9612	25.555	25.563	30.256	34.842	39.324	43.707	243.1	7.90	1454.6
26	0.982	0.981	32.0215	25.672	25.678	30.401	35.014	39.521	43.928	232.2	8.38	1450.1
28	0.377	0.376	32.0565	25.733	25.738	30.479	35.108	39.631	44.052	226.4	8.85	1447.4
30	0.240	0.239	32.1368	25.805	25.809	30.554	35.186	39.712	44.136	219.6	9.30	1446.9
35	0.956	0.954	32.2506	25.857	25.863	30.585	35.197	39.703	44.109	214.5	10.40	1450.4
40	-0.880	-0.881	32.2711	25.959	25.962	30.739	35.403	39.957	44.409	204.9	11.47	1442.1
45	-1.249	-1.250	32.3034	25.997	25.999	30.788	35.461	40.026	44.487	201.3	12.50	1440.5
50	-1.372	-1.373	32.3697	26.054	26.056	30.848	35.524	40.092	44.556	195.9	13.50	1440.1
60	-0.505	-0.507	32.6080	26.217	26.221	30.984	35.633	40.175	44.614	180.3	15.46	1444.6
70	-0.281	-0.283	32.7553	26.327	26.331	31.085	35.727	40.262	44.694	169.9	17.26	1446.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 34

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
34	064	7	8	1988	1229	63 10.0 N	174 00.0 W	77	6.4	1000.0	6.0	37

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.225	7.225	31.1389	24.358	24.376	28.937	33.408	37.779	42.057	356.1	0.00	1474.9
2	7.243	7.242	31.1547	24.368	24.386	28.948	33.417	37.787	42.065	355.2	0.71	1475.0
4	7.247	7.247	31.1574	24.369	24.388	28.949	33.418	37.788	42.066	355.1	1.42	1475.1
6	7.247	7.247	31.1572	24.369	24.387	28.949	33.418	37.788	42.066	355.1	2.13	1475.1
8	7.252	7.251	31.1594	24.370	24.389	28.950	33.419	37.789	42.066	355.0	2.84	1475.1
10	7.253	7.252	31.1589	24.370	24.388	28.949	33.418	37.788	42.066	355.1	3.55	1475.2
12	7.254	7.253	31.1592	24.370	24.388	28.949	33.418	37.789	42.066	355.1	4.26	1475.2
14	7.228	7.227	31.1595	24.374	24.392	28.954	33.423	37.794	42.071	354.8	4.97	1475.1
16	6.891	6.890	31.2274	24.472	24.489	29.059	33.535	37.912	42.196	345.5	5.68	1473.9
18	6.774	6.773	31.2693	24.520	24.537	29.109	33.587	37.967	42.253	340.9	6.37	1473.6
20	6.727	6.726	31.2723	24.528	24.546	29.119	33.598	37.978	42.265	340.2	7.05	1473.4
22	6.344	6.342	31.2971	24.597	24.613	29.196	33.683	38.071	42.365	333.7	7.73	1471.9
24	1.978	1.977	31.6790	25.333	25.340	30.037	34.626	39.111	43.497	264.3	8.40	1454.0
26	0.688	0.687	31.9177	25.606	25.611	30.343	34.965	39.481	43.896	238.5	8.93	1448.6
28	0.266	0.265	32.0008	25.694	25.699	30.443	35.076	39.602	44.027	230.1	9.41	1446.8
30	-0.038	-0.038	32.0771	25.770	25.774	30.527	35.168	39.701	44.133	222.9	9.87	1445.6
35	-0.815	-0.816	32.1780	25.882	25.885	30.661	35.323	39.877	44.328	212.3	10.98	1442.2
40	-1.248	-1.248	32.2781	25.976	25.979	30.767	35.441	40.006	44.467	203.3	12.04	1440.4
45	-1.251	-1.252	32.3347	26.022	26.024	30.813	35.486	40.051	44.512	198.9	13.06	1440.5
50	-1.268	-1.269	32.3937	26.070	26.073	30.861	35.535	40.099	44.560	194.3	14.05	1440.6
60	-1.551	-1.552	32.7561	26.371	26.373	31.167	35.846	40.415	44.881	165.7	16.00	1439.9
70	-1.576	-1.577	32.7741	26.386	26.388	31.183	35.862	40.432	44.898	164.2	17.65	1440.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 35

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
35	065	7	8	1988	1528	63	00.0 N	173	00.0 W	63	6.6	1007.5	6.6	42

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.354	7.354	30.8743	24.133	24.151	28.711	33.181	37.552	41.829	377.5	0.00	1475.0
2	7.356	7.355	30.8756	24.134	24.152	28.713	33.182	37.552	41.829	377.5	0.76	1475.1
4	7.360	7.360	30.9023	24.154	24.172	28.733	33.201	37.571	41.848	375.6	1.51	1475.2
6	7.360	7.359	30.9044	24.156	24.174	28.735	33.203	37.573	41.850	375.4	2.26	1475.2
8	7.361	7.361	30.9047	24.156	24.174	28.735	33.203	37.573	41.850	375.4	3.01	1475.2
10	7.360	7.359	30.9062	24.157	24.176	28.736	33.205	37.575	41.851	375.3	3.76	1475.3
12	7.351	7.350	30.9074	24.159	24.178	28.739	33.207	37.577	41.854	375.1	4.51	1475.3
14	7.071	7.069	30.9502	24.231	24.248	28.816	33.290	37.665	41.947	368.4	5.26	1474.2
16	6.321	6.320	31.0530	24.408	24.424	29.009	33.499	37.889	42.185	351.7	6.00	1471.4
18	3.295	3.293	31.3450	24.961	24.971	29.634	34.192	38.648	43.005	299.5	6.71	1459.2
20	0.500	0.500	31.7214	25.458	25.463	30.203	34.832	39.353	43.774	252.6	7.30	1447.4
22	-0.007	-0.007	31.8522	25.588	25.592	30.346	34.987	39.522	43.954	240.3	7.81	1445.3
24	-0.441	-0.442	32.0482	25.764	25.767	30.533	35.185	39.730	44.172	223.6	8.29	1443.5
26	-0.536	-0.536	32.0956	25.806	25.809	30.577	35.232	39.778	44.222	219.6	8.74	1443.2
28	-0.642	-0.643	32.1381	25.844	25.847	30.618	35.275	39.825	44.271	215.9	9.18	1442.8
30	-0.742	-0.743	32.1791	25.880	25.883	30.657	35.317	39.869	44.318	212.5	9.61	1442.4
35	-1.092	-1.093	32.2330	25.935	25.938	30.722	35.392	39.953	44.410	207.2	10.67	1440.9
40	-1.319	-1.319	32.2780	25.978	25.980	30.771	35.447	40.014	44.477	203.1	11.71	1440.0
45	-1.547	-1.548	32.3922	26.076	26.078	30.875	35.557	40.129	44.598	193.8	12.72	1439.2
50	-1.586	-1.587	32.4441	26.119	26.121	30.919	35.601	40.174	44.643	189.7	13.69	1439.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 36

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
36	068	8	8	1988	0134	63	25.7 N	172	10.0 W	48	6.7	1012.6	4.5	90

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.440	7.440	31.6595	24.736	24.755	29.307	33.769	38.133	42.403	320.0	0.00	1476.4
2	7.337	7.337	31.6278	24.726	24.744	29.300	33.764	38.129	42.402	321.0	0.64	1476.0
4	7.289	7.288	31.6081	24.717	24.735	29.293	33.757	38.124	42.398	321.9	1.28	1475.8
6	7.222	7.222	31.5866	24.709	24.728	29.287	33.753	38.121	42.396	322.7	1.93	1475.5
8	7.126	7.125	31.6154	24.745	24.763	29.324	33.792	38.162	42.439	319.3	2.57	1475.2
10	7.082	7.081	31.6173	24.752	24.770	29.332	33.801	38.172	42.449	318.7	3.21	1475.1
12	7.030	7.029	31.6225	24.763	24.781	29.344	33.815	38.186	42.465	317.6	3.85	1474.9
14	6.953	6.952	31.6374	24.785	24.803	29.368	33.840	38.213	42.493	315.6	4.48	1474.7
16	6.905	6.903	31.6439	24.797	24.815	29.381	33.853	38.228	42.508	314.5	5.12	1474.5
18	6.820	6.818	31.6553	24.817	24.835	29.403	33.877	38.253	42.535	312.6	5.75	1474.2
20	6.727	6.725	31.6702	24.841	24.858	29.429	33.905	38.282	42.567	310.4	6.37	1473.9
22	5.775	5.773	31.8068	25.068	25.083	29.676	34.172	38.569	42.871	289.0	6.99	1470.3
24	2.986	2.984	32.2273	25.690	25.699	30.363	34.922	39.379	43.737	230.3	7.57	1459.2
26	2.454	2.453	32.2859	25.781	25.789	30.468	35.040	39.508	43.878	221.7	8.03	1457.0
28	0.643	0.641	32.1933	25.829	25.834	30.566	35.187	39.702	44.115	217.2	8.47	1448.8
30	-0.363	-0.364	32.3028	25.966	25.969	30.730	35.378	39.919	44.357	204.3	8.91	1444.4
35	-1.147	-1.148	32.5733	26.212	26.215	30.997	35.666	40.225	44.682	181.0	9.93	1441.2
40	-1.177	-1.178	32.5733	26.213	26.215	30.999	35.668	40.229	44.686	180.8	10.83	1441.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 37

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
37	069	8	8	1988	0540	63	39.7 N	172	49.6 W	57	6.8	1012.8	7.2	240

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.229	7.229	31.6146	24.730	24.748	29.306	33.773	38.141	42.415	320.6	0.00	1475.5
2	7.229	7.229	31.6146	24.730	24.749	29.307	33.773	38.141	42.415	320.6	0.64	1475.5
4	7.236	7.236	31.6005	24.718	24.737	29.295	33.761	38.128	42.403	321.8	1.28	1475.6
6	7.241	7.240	31.5892	24.709	24.727	29.286	33.751	38.119	42.394	322.7	1.93	1475.6
8	7.190	7.190	31.5764	24.705	24.724	29.284	33.751	38.119	42.395	323.1	2.57	1475.4
10	7.130	7.129	31.5780	24.715	24.733	29.294	33.763	38.133	42.409	322.2	3.22	1475.2
12	7.034	7.033	31.5781	24.728	24.746	29.309	33.780	38.152	42.430	321.0	3.86	1474.9
14	6.942	6.941	31.5945	24.753	24.771	29.336	33.809	38.182	42.463	318.7	4.51	1474.6
16	6.744	6.743	31.6531	24.825	24.843	29.413	33.889	38.266	42.550	311.8	5.14	1473.9
18	6.300	6.298	31.7242	24.938	24.955	29.535	34.020	38.406	42.698	301.2	5.77	1472.3
20	3.483	3.482	31.5484	25.106	25.116	29.772	34.324	38.774	43.126	285.7	6.37	1460.3
22	2.492	2.491	32.0805	25.614	25.623	30.301	34.874	39.343	43.714	237.5	6.94	1456.8
24	2.198	2.197	32.0963	25.649	25.657	30.345	34.925	39.401	43.778	234.2	7.42	1455.6
26	1.682	1.681	32.1651	25.742	25.749	30.450	35.044	39.532	43.921	225.4	7.88	1453.4
28	1.010	1.008	32.2134	25.824	25.830	30.551	35.161	39.666	44.071	217.7	8.33	1450.5
30	0.678	0.677	32.2308	25.857	25.863	30.593	35.213	39.726	44.139	214.6	8.77	1449.0
35	-0.218	-0.219	32.2836	25.944	25.948	30.705	35.349	39.886	44.320	206.4	9.84	1445.1
40	-0.922	-0.923	32.3501	26.025	26.027	30.805	35.469	40.024	44.476	198.7	10.87	1442.0
45	-0.717	-0.718	32.3526	26.019	26.023	30.794	35.452	40.001	44.448	199.2	11.87	1443.0
50	-0.884	-0.885	32.6402	26.257	26.260	31.034	35.695	40.247	44.695	176.5	12.86	1442.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 38

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
38	071	8	8	1988	0833	63	55.0 N	173	35.0 W	56	6.8	1012.8	7.2	240

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.617	6.617	32.2412	25.304	25.321	29.889	34.364	38.740	43.023	266.1	0.00	1473.9
2	6.608	6.608	32.2359	25.301	25.318	29.887	34.362	38.738	43.021	266.4	0.53	1473.9
4	6.488	6.487	32.2101	25.296	25.313	29.885	34.363	38.742	43.027	266.9	1.07	1473.4
6	6.188	6.188	32.2185	25.341	25.357	29.937	34.421	38.806	43.097	262.7	1.60	1472.3
8	6.074	6.074	32.2351	25.368	25.384	29.967	34.453	38.840	43.133	260.2	2.13	1471.9
10	5.657	5.656	32.3105	25.479	25.494	30.086	34.581	38.977	43.278	249.8	2.65	1470.3
12	5.001	5.000	32.4310	25.650	25.664	30.272	34.781	39.190	43.504	233.6	3.15	1467.8
14	4.524	4.523	32.5274	25.779	25.792	30.411	34.931	39.350	43.673	221.5	3.61	1466.0
16	4.237	4.236	32.6206	25.883	25.895	30.522	35.047	39.472	43.800	211.7	4.06	1464.9
18	3.742	3.741	32.6235	25.935	25.946	30.586	35.124	39.559	43.898	206.8	4.48	1462.9
20	2.629	2.628	32.7113	26.105	26.114	30.784	35.349	39.810	44.173	190.8	4.89	1458.2
22	1.918	1.917	32.7892	26.224	26.231	30.921	35.503	39.981	44.359	179.6	5.27	1455.2
24	1.034	1.033	32.8205	26.309	26.315	31.030	35.635	40.135	44.534	171.6	5.63	1451.4
26	0.827	0.826	32.8648	26.357	26.363	31.084	35.694	40.199	44.603	167.1	5.98	1450.5
28	0.777	0.776	32.8908	26.381	26.387	31.109	35.720	40.226	44.631	164.8	6.31	1450.4
30	0.676	0.674	32.9072	26.400	26.406	31.130	35.745	40.253	44.660	163.0	6.64	1450.0
35	0.669	0.668	32.8904	26.387	26.393	31.118	35.732	40.241	44.648	164.2	7.46	1450.0
40	0.667	0.665	32.8814	26.380	26.386	31.111	35.725	40.234	44.642	164.9	8.28	1450.1
45	0.668	0.667	32.8745	26.374	26.380	31.105	35.720	40.228	44.636	165.4	9.10	1450.1
50	0.666	0.664	32.8712	26.372	26.378	31.103	35.717	40.226	44.634	165.7	9.93	1450.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 39

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
39	073	8	8	1988	1133	64	13.7 N	172	42.0 W	26	6.8	1012.8	7.2	226

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.008	2.008	32.8693	26.281	26.289	30.974	35.554	40.029	44.405	174.1	0.00	1455.4
2	2.012	2.012	32.7667	26.199	26.207	30.893	35.473	39.949	44.326	182.0	0.36	1455.3
4	2.007	2.006	32.7611	26.195	26.202	30.890	35.470	39.945	44.322	182.4	0.73	1455.3
6	2.005	2.004	32.7556	26.190	26.198	30.885	35.465	39.941	44.318	182.8	1.09	1455.3
8	1.958	1.958	32.7590	26.197	26.204	30.893	35.474	39.951	44.329	182.2	1.46	1455.1
10	1.766	1.765	32.8158	26.256	26.264	30.957	35.543	40.024	44.406	176.6	1.82	1454.4
12	1.360	1.360	32.8774	26.334	26.340	31.045	35.641	40.132	44.523	169.3	2.18	1452.7
14	1.228	1.227	32.8541	26.324	26.330	31.039	35.639	40.133	44.528	170.2	2.51	1452.1
16	1.277	1.277	32.8480	26.316	26.322	31.029	35.628	40.121	44.515	171.0	2.85	1452.4
18	1.071	1.070	32.8512	26.332	26.338	31.051	35.655	40.154	44.552	169.5	3.20	1451.5
20	0.962	0.961	32.8992	26.377	26.383	31.099	35.705	40.206	44.607	165.2	3.54	1451.1
22	0.835	0.834	32.8942	26.380	26.386	31.106	35.716	40.220	44.624	164.9	3.87	1450.5
24	0.783	0.782	32.8955	26.385	26.390	31.112	35.723	40.229	44.634	164.5	4.20	1450.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 40

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
40	075	8	8	1988	1320	64	08.0 N	172	30.0 W	46	4.5	1012.6	9.1	249

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.891	2.891	32.6393	26.026	26.035	30.698	35.257	39.712	44.070	198.2	0.00	1458.9
2	2.768	2.768	32.5739	25.984	25.993	30.661	35.223	39.682	44.042	202.2	0.41	1458.3
4	2.239	2.239	32.6697	26.104	26.112	30.793	35.368	39.839	44.211	191.0	0.82	1456.2
6	1.807	1.807	32.7636	26.211	26.219	30.912	35.497	39.977	44.359	180.8	1.20	1454.4
8	0.895	0.895	32.8597	26.349	26.355	31.074	35.682	40.185	44.588	167.8	1.56	1450.5
10	0.760	0.759	32.8439	26.345	26.350	31.073	35.685	40.192	44.598	168.3	1.89	1449.9
12	0.745	0.744	32.8489	26.350	26.355	31.078	35.691	40.198	44.604	167.8	2.23	1449.9
14	0.744	0.743	32.8457	26.347	26.353	31.076	35.689	40.195	44.602	168.1	2.57	1449.9
16	0.744	0.743	32.8431	26.345	26.351	31.074	35.686	40.193	44.600	168.3	2.90	1450.0
18	0.744	0.744	32.8415	26.344	26.349	31.072	35.685	40.192	44.598	168.4	3.24	1450.0
20	0.745	0.744	32.8410	26.343	26.349	31.072	35.685	40.192	44.598	168.4	3.58	1450.0
22	0.745	0.744	32.8405	26.343	26.348	31.071	35.684	40.191	44.598	168.5	3.91	1450.1
24	0.745	0.744	32.8403	26.343	26.348	31.071	35.684	40.191	44.598	168.5	4.25	1450.1
26	0.745	0.744	32.8399	26.342	26.348	31.071	35.684	40.191	44.597	168.5	4.59	1450.1
28	0.744	0.743	32.8402	26.343	26.348	31.071	35.684	40.191	44.597	168.5	4.92	1450.2
30	0.744	0.743	32.8403	26.343	26.348	31.071	35.684	40.191	44.598	168.5	5.26	1450.2
35	0.746	0.745	32.8416	26.344	26.349	31.072	35.685	40.192	44.598	168.4	6.10	1450.3
40	0.746	0.745	32.8422	26.344	26.350	31.073	35.686	40.192	44.599	168.3	6.95	1450.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 40

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
40	076	8	8	1988	1552	64	08.0 N	172	30.0 W	46	4.5	1012.6	9.1	249

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.078	7.078	31.6462	24.775	24.793	29.354	33.824	38.195	42.472	316.3	0.00	1475.0
2	7.072	7.072	31.6447	24.775	24.793	29.355	33.824	38.195	42.472	316.4	0.64	1475.0
4	7.032	7.031	31.7028	24.826	24.844	29.407	33.876	38.247	42.525	311.6	1.27	1474.9
6	6.497	6.496	32.0853	25.197	25.214	29.787	34.265	38.644	42.930	276.4	1.89	1473.3
8	5.984	5.984	32.2392	25.383	25.399	29.983	34.472	38.861	43.155	258.8	2.44	1471.5
10	5.916	5.915	32.2346	25.388	25.403	29.989	34.480	38.870	43.166	258.4	2.96	1471.2
12	5.831	5.830	32.2180	25.385	25.400	29.989	34.481	38.873	43.171	258.7	3.48	1470.9
14	4.844	4.843	32.2716	25.542	25.555	30.169	34.683	39.096	43.414	244.0	4.00	1467.0
16	3.620	3.619	32.3950	25.765	25.776	30.421	34.963	39.404	43.747	223.0	4.48	1462.0
18	2.102	2.101	32.5360	26.008	26.016	30.702	35.281	39.756	44.133	200.1	4.93	1455.6
20	0.184	0.183	32.7018	26.262	26.267	31.008	35.637	40.159	44.581	176.2	5.33	1447.3
22	0.121	0.120	32.6699	26.239	26.244	30.987	35.618	40.143	44.566	178.3	5.68	1447.0
24	0.066	0.065	32.6575	26.232	26.237	30.981	35.614	40.141	44.565	179.0	6.04	1446.7
26	0.057	0.057	32.6501	26.226	26.231	30.976	35.609	40.136	44.561	179.6	6.40	1446.7
28	0.044	0.043	32.6430	26.221	26.226	30.972	35.605	40.132	44.557	180.0	6.76	1446.7
30	0.035	0.034	32.6389	26.219	26.223	30.969	35.603	40.130	44.556	180.3	7.12	1446.7
35	0.041	0.039	32.6322	26.213	26.217	30.963	35.597	40.124	44.549	180.8	8.02	1446.8
40	0.045	0.043	32.6285	26.210	26.214	30.960	35.594	40.121	44.546	181.1	8.92	1446.9
45	0.041	0.040	32.6274	26.209	26.213	30.959	35.593	40.120	44.546	181.1	9.83	1446.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 42

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
42	079	8	8	1988	2030	63	55.2 N	172	04.4 W	49	6.6	1012.2	7.8	225

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.597	6.597	32.0043	25.120	25.137	29.707	34.185	38.563	42.847	283.6	0.00	1473.5
2	6.597	6.597	32.0122	25.126	25.144	29.714	34.191	38.569	42.853	283.0	0.57	1473.6
4	6.599	6.598	32.0148	25.128	25.145	29.716	34.193	38.571	42.855	282.9	1.13	1473.6
6	6.598	6.598	32.0157	25.129	25.146	29.717	34.194	38.571	42.856	282.8	1.70	1473.6
8	6.597	6.597	32.0161	25.129	25.147	29.717	34.194	38.572	42.856	282.8	2.26	1473.7
10	6.578	6.577	32.0158	25.132	25.149	29.720	34.197	38.576	42.860	282.6	2.83	1473.6
12	6.419	6.418	32.0566	25.184	25.201	29.776	34.256	38.638	42.925	277.7	3.39	1473.1
14	6.302	6.301	32.0848	25.221	25.238	29.816	34.298	38.682	42.971	274.2	3.95	1472.7
16	6.171	6.170	32.0998	25.250	25.266	29.847	34.332	38.718	43.010	271.5	4.50	1472.2
18	5.888	5.886	32.1380	25.315	25.331	29.918	34.410	38.801	43.099	265.4	5.04	1471.1
20	5.432	5.430	32.2080	25.425	25.439	30.038	34.539	38.940	43.246	255.1	5.57	1469.4
22	4.989	4.987	32.3205	25.564	25.578	30.187	34.698	39.108	43.422	241.9	6.08	1467.8
24	4.732	4.731	32.4106	25.664	25.677	30.292	34.808	39.223	43.542	232.5	6.57	1466.8
26	4.417	4.415	32.4450	25.725	25.738	30.361	34.884	39.305	43.631	226.7	7.03	1465.6
28	4.349	4.347	32.4274	25.718	25.731	30.356	34.880	39.304	43.631	227.4	7.48	1465.3
30	2.719	2.717	32.4240	25.869	25.878	30.548	35.112	39.573	43.936	213.3	7.94	1458.4
35	-0.209	-0.210	32.6450	26.235	26.239	30.992	35.633	40.166	44.598	178.8	9.01	1445.6
40	-0.276	-0.277	32.6608	26.250	26.254	31.010	35.652	40.187	44.620	177.2	9.90	1445.4
45	-0.314	-0.316	32.6006	26.204	26.207	30.964	35.609	40.145	44.580	181.7	10.79	1445.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 43

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
43	081	8	8	1988	2206	64	06.0 N	171	12.0 W	32	5.3	1013.1	6.5	222
						63	49.6		55.0					
DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL		
0	7.121	7.121	31.6856	24.801	24.819	29.378	33.847	38.217	42.493	313.9	0.00	1475.2		
2	7.118	7.118	31.6883	24.803	24.821	29.382	33.849	38.219	42.495	313.7	0.63	1475.2		
4	7.116	7.116	31.6833	24.799	24.818	29.378	33.846	38.216	42.492	314.1	1.25	1475.2		
6	7.116	7.115	31.6830	24.799	24.817	29.378	33.846	38.215	42.492	314.1	1.88	1475.3		
8	7.120	7.119	31.6825	24.798	24.817	29.377	33.845	38.214	42.491	314.2	2.51	1475.3		
10	7.049	7.048	31.6962	24.819	24.837	29.399	33.868	38.239	42.516	312.3	3.14	1475.1		
12	6.989	6.988	31.7041	24.833	24.851	29.414	33.885	38.257	42.535	311.0	3.76	1474.9		
14	6.910	6.909	31.7231	24.858	24.876	29.441	33.913	38.287	42.567	308.7	4.39	1474.6		
16	6.570	6.569	31.7693	24.939	24.956	29.530	34.009	38.389	42.675	301.0	5.00	1473.4		
18	5.330	5.328	31.9606	25.241	25.256	29.859	34.364	38.769	43.079	272.5	5.61	1468.6		
20	2.765	2.763	32.2329	25.713	25.722	30.392	34.957	39.418	43.782	228.1	6.15	1458.2		
22	1.363	1.362	32.3256	25.892	25.898	30.607	35.208	39.703	44.098	211.2	6.61	1452.1		
24	0.813	0.812	32.3181	25.920	25.925	30.651	35.266	39.775	44.184	208.6	7.03	1449.7		
26	0.652	0.651	32.3054	25.919	25.924	30.654	35.274	39.788	44.200	208.7	7.45	1449.0		
28	0.550	0.549	32.3021	25.922	25.927	30.660	35.283	39.799	44.214	208.5	7.86	1448.5		

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 44

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
44	082	9	8	1988	1728	67	22.0 N	173	20.0 W	37	6.7	1005.9	9.2	214

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.542	5.542	25.4873	20.120	20.132	24.780	29.330	33.776	38.126	762.3	0.00	1460.7
2	5.542	5.542	25.4873	20.120	20.132	24.781	29.330	33.776	38.126	762.3	1.52	1460.7
4	5.540	5.540	25.4882	20.121	20.132	24.782	29.330	33.777	38.127	762.2	3.05	1460.7
6	5.501	5.500	25.5111	20.143	20.154	24.805	29.354	33.802	38.152	760.1	4.57	1460.6
8	4.475	4.474	26.1653	20.755	20.765	25.438	30.007	34.473	38.842	701.4	6.09	1457.2
10	2.194	2.193	26.9140	21.519	21.525	26.256	30.878	35.394	39.810	628.5	7.50	1448.3
12	1.506	1.505	29.9614	23.992	23.998	28.723	33.339	37.848	42.258	392.1	8.75	1449.4
14	3.768	3.767	31.2774	24.864	24.875	29.526	34.073	38.518	42.865	308.6	9.54	1461.1
16	2.237	2.236	31.4787	25.154	25.162	29.853	34.437	38.917	43.298	281.3	10.15	1454.8
18	0.175	0.174	31.6632	25.427	25.432	30.182	34.820	39.351	43.781	255.5	10.72	1445.8
20	-0.906	-0.906	31.9434	25.696	25.698	30.479	35.146	39.704	44.159	230.1	11.23	1441.2
22	-1.103	-1.103	32.8689	26.450	26.452	31.231	35.896	40.452	44.905	158.5	11.69	1441.6
24	-0.767	-0.767	32.9195	26.479	26.482	31.250	35.905	40.451	44.895	155.7	12.01	1443.2
26	-0.759	-0.759	32.9261	26.484	26.487	31.255	35.909	40.455	44.899	155.2	12.32	1443.3
28	-0.741	-0.742	32.9163	26.475	26.479	31.246	35.900	40.445	44.888	156.0	12.63	1443.4
30	-0.742	-0.743	32.9114	26.471	26.475	31.242	35.896	40.442	44.885	156.4	12.94	1443.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 45

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
45	084	9	8	1988	2028	67	44.0 N	172	50.0 W	45	3.3	1006.7	5.7	285

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.377	2.377	24.3356	19.457	19.462	24.209	28.847	33.378	37.809	826.7	0.00	1445.5
2	2.426	2.426	24.5402	19.617	19.622	24.366	29.001	33.530	37.957	811.3	1.62	1446.0
4	2.458	2.458	24.8123	19.831	19.837	24.578	29.209	33.735	38.160	790.6	3.25	1446.5
6	3.405	3.404	28.7173	22.866	22.875	27.556	32.132	36.605	40.979	499.3	4.83	1456.0
8	4.379	4.379	31.7606	25.187	25.199	29.829	34.358	38.785	43.117	277.8	5.83	1464.2
10	4.364	4.364	32.0655	25.430	25.442	30.070	34.597	39.022	43.352	254.7	6.38	1464.6
12	4.171	4.171	32.1850	25.544	25.556	30.188	34.719	39.148	43.481	243.8	6.89	1464.0
14	3.374	3.373	32.4619	25.841	25.852	30.503	35.051	39.496	43.844	215.7	7.38	1461.0
16	1.235	1.234	33.1257	26.541	26.548	31.254	35.851	40.343	44.736	149.6	7.81	1452.6
18	0.742	0.741	33.3271	26.733	26.739	31.458	36.067	40.570	44.973	131.4	8.11	1450.6
20	0.448	0.447	33.3985	26.808	26.813	31.540	36.157	40.667	45.076	124.4	8.37	1449.4
22	0.342	0.341	33.4038	26.818	26.823	31.553	36.173	40.686	45.098	123.4	8.62	1449.0
24	0.194	0.193	33.4404	26.855	26.860	31.595	36.218	40.734	45.150	119.9	8.87	1448.4
26	0.127	0.126	33.4569	26.872	26.877	31.613	36.238	40.756	45.173	118.3	9.11	1448.2
28	0.107	0.106	33.4596	26.875	26.880	31.617	36.242	40.761	45.178	118.0	9.35	1448.1
30	0.096	0.095	33.4604	26.877	26.881	31.618	36.244	40.763	45.181	117.9	9.58	1448.1
35	0.056	0.055	33.4995	26.910	26.915	31.653	36.279	40.799	45.217	114.7	10.17	1448.0
40	0.062	0.061	33.6403	27.023	27.028	31.764	36.389	40.908	45.325	104.0	10.74	1448.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 46

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
46	086	10	8	1988	0420	67	55.0 N	171	45.0 W	44	5.4	1006.7	3.6	52

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.946	5.946	31.8701	25.097	25.112	29.700	34.193	38.585	42.883	286.0	0.00	1470.7
2	5.921	5.921	31.8830	25.110	25.126	29.715	34.207	38.600	42.898	284.7	0.57	1470.7
4	5.903	5.903	31.8816	25.111	25.127	29.716	34.209	38.602	42.901	284.6	1.14	1470.6
6	5.906	5.905	31.8790	25.109	25.124	29.714	34.206	38.600	42.898	284.9	1.71	1470.7
8	5.763	5.762	31.9369	25.172	25.187	29.779	34.275	38.671	42.972	279.0	2.28	1470.2
10	5.548	5.547	32.0593	25.294	25.309	29.906	34.405	38.805	43.109	267.4	2.84	1469.5
12	4.622	4.621	32.4472	25.705	25.718	30.336	34.854	39.271	43.592	228.5	3.37	1466.2
14	3.901	3.900	32.5294	25.844	25.856	30.493	35.027	39.460	43.796	215.3	3.83	1463.3
16	2.521	2.520	32.7672	26.159	26.168	30.840	35.407	39.870	44.235	185.7	4.26	1457.8
18	1.889	1.888	32.8571	26.280	26.288	30.977	35.560	40.038	44.417	174.3	4.63	1455.1
20	1.100	1.099	32.9553	26.413	26.419	31.131	35.733	40.230	44.627	161.7	4.98	1451.8
22	0.926	0.925	32.9689	26.435	26.441	31.157	35.764	40.266	44.667	159.7	5.30	1451.1
24	0.948	0.947	32.9883	26.449	26.455	31.171	35.777	40.278	44.678	158.3	5.62	1451.2
26	0.802	0.801	33.0040	26.471	26.476	31.196	35.806	40.311	44.714	156.3	5.94	1450.6
28	0.769	0.768	33.0225	26.487	26.493	31.214	35.825	40.329	44.734	154.7	6.25	1450.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 47

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
47	088	10	8	1988	0722	68	06.0 N	170	53.0 W	49	4.1	1006.6	4.2	100

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.719	4.719	32.5013	25.737	25.750	30.364	34.881	39.295	43.614	225.3	0.00	1466.5
2	4.743	4.742	32.5123	25.743	25.756	30.371	34.885	39.299	43.618	224.7	0.45	1466.7
4	4.725	4.725	32.5427	25.769	25.782	30.397	34.912	39.326	43.644	222.3	0.90	1466.7
6	4.701	4.701	32.5524	25.779	25.793	30.408	34.923	39.337	43.656	221.3	1.34	1466.6
8	4.641	4.640	32.5562	25.789	25.802	30.419	34.935	39.351	43.671	220.5	1.79	1466.4
10	4.683	4.682	32.5497	25.779	25.792	30.408	34.924	39.339	43.658	221.4	2.23	1466.6
12	4.591	4.590	32.5793	25.813	25.826	30.443	34.961	39.378	43.699	218.2	2.67	1466.3
14	3.749	3.748	32.7424	26.028	26.040	30.679	35.215	39.650	43.988	197.9	3.11	1463.0
16	3.946	3.945	32.6314	25.921	25.933	30.567	35.100	39.531	43.865	208.1	3.50	1463.7
18	3.539	3.538	32.6247	25.955	25.966	30.612	35.154	39.594	43.938	204.9	3.92	1462.0
20	2.869	2.868	32.6997	26.076	26.085	30.749	35.307	39.762	44.120	193.6	4.33	1459.2
22	1.625	1.623	32.7901	26.246	26.253	30.951	35.540	40.025	44.411	177.6	4.72	1453.9
24	1.113	1.112	32.8038	26.291	26.297	31.010	35.613	40.111	44.508	173.4	5.07	1451.7
26	1.082	1.081	32.8079	26.296	26.302	31.016	35.620	40.118	44.517	172.8	5.42	1451.6
28	0.972	0.971	32.8328	26.323	26.329	31.045	35.652	40.153	44.554	170.3	5.76	1451.2
30	0.857	0.856	32.8468	26.341	26.347	31.067	35.676	40.180	44.584	168.6	6.10	1450.7
35	0.785	0.784	32.8723	26.366	26.372	31.093	35.705	40.210	44.616	166.2	6.95	1450.5
40	0.723	0.722	32.8799	26.376	26.381	31.105	35.718	40.225	44.631	165.3	7.78	1450.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 48

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
48	090	10	8	1988	1233	68	16.0 N	170	00.0 W	52	4.7	1006.0	4.3	106

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	3.968	3.968	32.2700	25.632	25.644	30.280	34.815	39.248	43.585	235.5	0.00	1463.0
2	3.964	3.964	32.2597	25.624	25.636	30.273	34.808	39.241	43.578	236.2	0.47	1463.1
4	3.960	3.960	32.2557	25.622	25.633	30.270	34.805	39.239	43.575	236.5	0.94	1463.1
6	3.902	3.902	32.2420	25.616	25.628	30.267	34.803	39.238	43.576	237.0	1.42	1462.8
8	3.818	3.817	32.2453	25.627	25.639	30.280	34.818	39.255	43.595	236.0	1.89	1462.5
10	3.806	3.805	32.2417	25.626	25.637	30.278	34.817	39.254	43.594	236.1	2.36	1462.5
12	3.747	3.746	32.2451	25.634	25.645	30.288	34.829	39.267	43.608	235.4	2.84	1462.3
14	3.649	3.649	32.2578	25.653	25.664	30.310	34.853	39.293	43.636	233.6	3.31	1461.9
16	2.891	2.890	32.4966	25.912	25.922	30.586	35.146	39.602	43.961	209.1	3.77	1459.0
18	2.872	2.871	32.4943	25.912	25.921	30.586	35.146	39.603	43.962	209.1	4.19	1458.9
20	2.854	2.853	32.4966	25.915	25.925	30.590	35.151	39.608	43.967	208.8	4.61	1458.9
22	2.841	2.839	32.4983	25.918	25.927	30.593	35.154	39.611	43.971	208.6	5.03	1458.9
24	2.817	2.815	32.4993	25.921	25.930	30.596	35.158	39.616	43.976	208.3	5.44	1458.8
26	2.802	2.801	32.5000	25.922	25.932	30.599	35.160	39.619	43.979	208.2	5.86	1458.8
28	2.448	2.447	32.5480	25.990	25.999	30.675	35.245	39.712	44.080	201.8	6.28	1457.3
30	2.369	2.367	32.5360	25.987	25.995	30.674	35.246	39.715	44.085	202.1	6.68	1457.0
35	2.427	2.425	32.5543	25.997	26.006	30.682	35.253	39.720	44.089	201.2	7.69	1457.4
40	2.153	2.151	32.5421	26.009	26.017	30.701	35.279	39.753	44.128	200.1	8.70	1456.2
45	2.185	2.182	32.5456	26.009	26.017	30.701	35.278	39.751	44.125	200.0	9.70	1456.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 49

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
49	091	10	8	1988	1547	68	28.0 N	169	08.0 W	55	4.4	1005.4	5.0	140

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.731	4.731	32.1563	25.463	25.476	30.092	34.611	39.028	43.349	251.4	0.00	1466.1
2	4.731	4.731	32.1539	25.461	25.474	30.091	34.609	39.026	43.347	251.6	0.50	1466.1
4	4.732	4.732	32.1406	25.450	25.463	30.081	34.599	39.015	43.336	252.6	1.01	1466.2
6	4.729	4.729	32.1412	25.451	25.464	30.082	34.600	39.016	43.338	252.5	1.51	1466.2
8	4.691	4.690	32.1468	25.460	25.473	30.091	34.610	39.027	43.349	251.8	2.02	1466.1
10	4.684	4.683	32.1475	25.461	25.474	30.093	34.611	39.029	43.351	251.7	2.52	1466.1
12	4.526	4.525	32.1575	25.486	25.498	30.121	34.644	39.065	43.390	249.3	3.02	1465.4
14	3.734	3.733	32.3125	25.689	25.700	30.343	34.883	39.321	43.662	230.2	3.52	1462.3
16	2.808	2.807	32.3002	25.763	25.772	30.440	35.004	39.463	43.825	223.3	3.98	1458.4
18	2.772	2.771	32.2773	25.748	25.757	30.426	34.991	39.451	43.814	224.7	4.43	1458.2
20	2.909	2.908	32.3059	25.759	25.768	30.434	34.994	39.452	43.811	223.7	4.88	1458.9
22	2.824	2.823	32.2960	25.758	25.768	30.435	34.998	39.458	43.819	223.7	5.33	1458.5
24	2.756	2.755	32.2869	25.757	25.766	30.436	35.000	39.461	43.825	223.9	5.77	1458.3
26	2.721	2.720	32.2873	25.760	25.769	30.440	35.005	39.467	43.831	223.6	6.22	1458.1
28	2.731	2.729	32.2834	25.756	25.765	30.436	35.001	39.463	43.827	224.0	6.67	1458.2
30	2.780	2.778	32.2914	25.758	25.768	30.437	35.001	39.461	43.824	223.8	7.12	1458.5
35	2.728	2.726	32.3069	25.775	25.784	30.455	35.020	39.482	43.845	222.2	8.23	1458.3
40	2.655	2.653	32.3095	25.783	25.792	30.465	35.032	39.495	43.860	221.5	9.35	1458.1
45	2.349	2.346	32.3983	25.879	25.887	30.567	35.142	39.612	43.983	212.4	10.45	1457.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 50

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
50	093	10	8	1988	2253	68	39.7 N	168	20.0 W	48	7.5	1003.6	5.1	42

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.253	6.253	31.5583	24.814	24.830	29.412	33.900	38.288	42.582	312.9	0.00	1471.6
2	6.163	6.163	31.7049	24.940	24.956	29.540	34.029	38.418	42.713	300.9	0.61	1471.4
4	6.105	6.105	31.7733	25.001	25.017	29.602	34.091	38.481	42.776	295.1	1.21	1471.3
6	6.104	6.103	31.6936	24.939	24.954	29.540	34.030	38.420	42.716	301.1	1.80	1471.2
8	6.076	6.075	31.7714	25.003	25.019	29.605	34.095	38.485	42.781	294.9	2.40	1471.2
10	6.048	6.047	31.8161	25.042	25.058	29.644	34.134	38.525	42.821	291.3	2.99	1471.2
12	5.849	5.848	31.8636	25.104	25.119	29.710	34.204	38.599	42.899	285.5	3.58	1470.5
14	5.620	5.619	31.9137	25.170	25.185	29.782	34.281	38.680	42.984	279.2	4.15	1469.7
16	5.093	5.092	32.0238	25.318	25.332	29.941	34.451	38.861	43.175	265.2	4.70	1467.7
18	4.934	4.933	32.0527	25.359	25.372	29.985	34.499	38.912	43.229	261.4	5.24	1467.1
20	4.860	4.859	32.0741	25.384	25.397	30.012	34.527	38.941	43.260	259.0	5.76	1466.9
22	4.756	4.754	32.1022	25.417	25.431	30.048	34.565	38.982	43.303	255.9	6.28	1466.5
24	4.746	4.744	32.1054	25.421	25.434	30.052	34.569	38.986	43.307	255.6	6.79	1466.5
26	4.738	4.736	32.1059	25.422	25.435	30.053	34.571	38.988	43.309	255.5	7.30	1466.5
28	4.709	4.707	32.1088	25.428	25.441	30.059	34.577	38.995	43.317	255.0	7.81	1466.4
30	4.694	4.692	32.1059	25.427	25.440	30.059	34.578	38.996	43.318	255.0	8.32	1466.4
35	4.454	4.452	32.0997	25.448	25.460	30.085	34.610	39.033	43.360	253.1	9.59	1465.4
40	4.493	4.491	32.1235	25.462	25.475	30.099	34.622	39.045	43.371	251.8	10.86	1465.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 51

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
51	095	11	8	1988	0419	68	09.7 N	168	44.1 W	54	7.6	999.4	6.7	38

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.571	5.571	31.3029	24.695	24.709	29.311	33.816	38.221	42.530	324.4	0.00	1468.4
2	5.027	5.027	31.9537	25.270	25.284	29.895	34.407	38.819	43.135	269.7	0.59	1467.1
4	3.329	3.329	33.6895	26.821	26.832	31.475	36.014	40.452	44.792	122.6	1.13	1462.3
6	2.401	2.400	33.9369	27.102	27.111	31.777	36.338	40.795	45.154	96.2	1.37	1458.7
8	2.058	2.058	32.9247	26.321	26.329	31.014	35.591	40.064	44.439	170.3	1.56	1455.8
10	1.997	1.997	32.7954	26.223	26.231	30.918	35.498	39.973	44.350	179.7	1.91	1455.4
12	1.980	1.979	32.7754	26.208	26.216	30.904	35.484	39.960	44.338	181.1	2.26	1455.3
14	1.841	1.840	32.7513	26.199	26.207	30.899	35.483	39.963	44.344	182.0	2.63	1454.7
16	1.727	1.726	32.7455	26.203	26.210	30.905	35.493	39.975	44.359	181.7	2.99	1454.2
18	1.651	1.650	32.7396	26.203	26.211	30.908	35.498	39.982	44.368	181.6	3.35	1453.9
20	1.595	1.594	32.7550	26.220	26.227	30.926	35.517	40.002	44.389	180.1	3.72	1453.7
22	1.622	1.621	32.7587	26.221	26.228	30.926	35.516	40.001	44.387	180.0	4.08	1453.9
24	1.627	1.626	32.7569	26.219	26.226	30.924	35.514	39.999	44.385	180.1	4.44	1453.9
26	1.630	1.629	32.7563	26.218	26.225	30.923	35.513	39.998	44.384	180.2	4.80	1454.0
28	1.632	1.631	32.7555	26.217	26.225	30.922	35.512	39.997	44.383	180.3	5.16	1454.0
30	1.633	1.631	32.7552	26.217	26.224	30.922	35.512	39.997	44.383	180.3	5.52	1454.1
35	1.634	1.633	32.7547	26.217	26.224	30.922	35.511	39.996	44.382	180.4	6.42	1454.1
40	1.632	1.630	32.7546	26.217	26.224	30.922	35.512	39.997	44.382	180.4	7.32	1454.2
45	1.631	1.629	32.7557	26.218	26.225	30.923	35.513	39.998	44.384	180.3	8.22	1454.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 52

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
52	097	11	8	1988	0752	68	05.0 N	167	00.0 W	46	6.2	996.0	10.4	27

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	3.730	3.730	32.5435	25.873	25.884	30.524	35.063	39.500	43.839	212.6	0.00	1462.4
2	2.613	2.612	32.8653	26.229	26.239	30.908	35.471	39.932	44.294	178.9	0.34	1458.1
4	2.476	2.476	32.4637	25.921	25.929	30.606	35.176	39.642	44.011	208.3	0.70	1456.9
6	2.446	2.446	32.3457	25.829	25.838	30.516	35.087	39.556	43.926	217.0	1.12	1456.7
8	2.472	2.471	32.3211	25.807	25.816	30.493	35.065	39.533	43.902	219.1	1.55	1456.8
10	2.452	2.452	32.3048	25.796	25.804	30.483	35.055	39.523	43.893	220.2	1.99	1456.7
12	2.423	2.422	32.3058	25.799	25.808	30.487	35.059	39.528	43.899	219.9	2.43	1456.6
14	2.407	2.406	32.3050	25.800	25.808	30.488	35.061	39.531	43.901	219.8	2.87	1456.6
16	2.402	2.402	32.3039	25.799	25.808	30.487	35.061	39.530	43.901	219.9	3.31	1456.6
18	2.395	2.394	32.3065	25.802	25.810	30.490	35.064	39.533	43.905	219.7	3.75	1456.6
20	2.363	2.362	32.3098	25.807	25.815	30.496	35.071	39.541	43.913	219.2	4.19	1456.5
22	2.315	2.314	32.3195	25.818	25.827	30.509	35.084	39.556	43.929	218.1	4.63	1456.3
24	2.252	2.250	32.3196	25.823	25.832	30.515	35.093	39.566	43.940	217.6	5.06	1456.1
26	2.164	2.163	32.3458	25.851	25.859	30.545	35.124	39.599	43.976	215.0	5.50	1455.8
28	2.169	2.167	32.3487	25.853	25.861	30.547	35.126	39.601	43.977	214.8	5.93	1455.8
30	2.167	2.165	32.3502	25.854	25.863	30.548	35.128	39.603	43.979	214.7	6.36	1455.9
35	2.115	2.114	32.3599	25.866	25.874	30.561	35.142	39.618	43.995	213.6	7.43	1455.7
40	2.031	2.029	32.4146	25.916	25.924	30.613	35.195	39.673	44.052	208.9	8.50	1455.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 52

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
52	101	11	8	1988	1140	68	05.0 N	167	00.0 W	46	6.2	996.0	10.4	27

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	3.815	3.815	32.4875	25.820	25.831	30.469	35.007	39.442	43.780	217.6	0.00	1462.7
2	3.805	3.805	32.5530	25.873	25.884	30.523	35.059	39.494	43.832	212.6	0.43	1462.8
4	3.797	3.797	32.5515	25.872	25.884	30.523	35.060	39.495	43.833	212.7	0.86	1462.8
6	3.798	3.798	32.4179	25.766	25.777	30.418	34.955	39.391	43.731	222.8	1.28	1462.6
8	3.720	3.720	32.4167	25.773	25.784	30.426	34.966	39.403	43.744	222.2	1.73	1462.3
10	3.331	3.330	32.4363	25.825	25.835	30.488	35.037	39.484	43.833	217.3	2.17	1460.7
12	2.985	2.984	32.4311	25.852	25.862	30.524	35.082	39.536	43.893	214.8	2.61	1459.3
14	2.749	2.749	32.4143	25.859	25.868	30.537	35.101	39.561	43.923	214.2	3.04	1458.2
16	2.164	2.163	32.3846	25.882	25.890	30.576	35.155	39.629	44.006	212.1	3.47	1455.7
18	2.107	2.106	32.4183	25.913	25.921	30.608	35.188	39.664	44.041	209.1	3.89	1455.5
20	2.098	2.097	32.4117	25.909	25.917	30.604	35.185	39.661	44.038	209.5	4.31	1455.5
22	1.962	1.961	32.4283	25.932	25.940	30.631	35.215	39.694	44.075	207.3	4.73	1454.9
24	1.987	1.986	32.4358	25.936	25.944	30.634	35.218	39.696	44.076	206.9	5.14	1455.1
26	1.983	1.982	32.4341	25.935	25.943	30.633	35.217	39.695	44.075	207.0	5.56	1455.1
28	1.975	1.973	32.4372	25.938	25.946	30.637	35.220	39.699	44.079	206.8	5.97	1455.1
30	1.952	1.950	32.4373	25.940	25.948	30.639	35.223	39.703	44.083	206.6	6.38	1455.0
35	1.951	1.949	32.4410	25.943	25.951	30.642	35.226	39.706	44.086	206.3	7.42	1455.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 52

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
52	103	11	8	1988	1153	68	05.0 N	167	00.0 W	46	6.2	996.0	10.4	27

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	3.824	3.824	32.3987	25.748	25.760	30.399	34.937	39.372	43.711	224.4	0.00	1462.6
2	3.824	3.824	32.3987	25.748	25.760	30.399	34.937	39.372	43.711	224.4	0.45	1462.6
4	3.823	3.822	32.4003	25.750	25.761	30.401	34.938	39.374	43.712	224.3	0.90	1462.7
6	3.817	3.817	32.4018	25.752	25.763	30.403	34.940	39.376	43.715	224.1	1.35	1462.7
8	3.784	3.783	32.4066	25.759	25.770	30.411	34.949	39.385	43.725	223.5	1.79	1462.6
10	3.483	3.483	32.4280	25.804	25.815	30.464	35.009	39.452	43.798	219.2	2.24	1461.4
12	3.261	3.260	32.4100	25.811	25.821	30.476	35.027	39.475	43.826	218.7	2.68	1460.4
14	2.664	2.663	32.4441	25.890	25.899	30.570	35.136	39.598	43.962	211.3	3.12	1457.9
16	2.575	2.575	32.4183	25.876	25.885	30.559	35.127	39.592	43.958	212.5	3.54	1457.5
18	2.250	2.249	32.4301	25.912	25.920	30.603	35.179	39.652	44.025	209.2	3.96	1456.1
20	2.050	2.050	32.4449	25.939	25.947	30.635	35.216	39.694	44.072	206.7	4.38	1455.3
22	1.976	1.975	32.4439	25.944	25.951	30.642	35.225	39.704	44.084	206.2	4.80	1455.0
24	1.939	1.938	32.4449	25.947	25.955	30.646	35.231	39.710	44.091	205.9	5.21	1454.9
26	1.938	1.937	32.4442	25.947	25.954	30.646	35.230	39.710	44.091	206.0	5.62	1454.9
28	1.949	1.948	32.4458	25.947	25.955	30.646	35.230	39.710	44.090	205.9	6.03	1455.0
30	1.946	1.945	32.4469	25.948	25.956	30.647	35.231	39.711	44.092	205.8	6.44	1455.0
35	1.943	1.942	32.4492	25.950	25.958	30.649	35.233	39.713	44.094	205.6	7.47	1455.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 53

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
53	104	11	8	1988	1532	67	42.0 N	165	43.1 W	38	7.0	993.2	10.0	344

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.636	4.636	32.0855	25.417	25.430	30.049	34.571	38.990	43.314	255.8	0.00	1465.6
2	4.579	4.579	32.0433	25.390	25.402	30.025	34.547	38.968	43.293	258.4	0.52	1465.4
4	4.682	4.681	32.0366	25.374	25.386	30.006	34.526	38.944	43.267	259.9	1.03	1465.8
6	4.688	4.687	32.0220	25.361	25.374	29.994	34.514	38.932	43.255	261.1	1.55	1465.8
8	4.179	4.178	32.1136	25.487	25.499	30.131	34.662	39.092	43.425	249.2	2.07	1463.9
10	3.557	3.556	32.1622	25.586	25.597	30.246	34.791	39.235	43.581	239.9	2.57	1461.3
12	3.544	3.543	32.1617	25.587	25.598	30.247	34.793	39.237	43.583	239.9	3.05	1461.3
14	3.549	3.548	32.1615	25.587	25.597	30.246	34.792	39.235	43.582	239.9	3.53	1461.3
16	3.551	3.550	32.1683	25.592	25.602	30.251	34.797	39.240	43.587	239.4	4.01	1461.4
18	3.283	3.282	32.1995	25.641	25.651	30.307	34.860	39.309	43.661	234.8	4.49	1460.3
20	3.086	3.084	32.2309	25.684	25.694	30.355	34.912	39.365	43.721	230.8	4.96	1459.5
22	2.849	2.848	32.2348	25.707	25.717	30.384	34.947	39.406	43.768	228.6	5.42	1458.6
24	2.575	2.574	32.3080	25.788	25.797	30.472	35.041	39.506	43.874	220.9	5.88	1457.5
26	2.542	2.540	32.3196	25.800	25.809	30.485	35.055	39.521	43.888	219.8	6.32	1457.4
28	2.533	2.531	32.3231	25.804	25.813	30.488	35.058	39.525	43.893	219.5	6.76	1457.4
30	2.521	2.520	32.3270	25.808	25.817	30.493	35.063	39.530	43.898	219.1	7.20	1457.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 54

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
54	106	11	8	1988	2305	67	45.8 N	167	18.9 W	51	4.9	998.2	10.0	305

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.313	5.313	31.5248	24.899	24.913	29.520	34.030	38.438	42.751	304.9	0.00	1467.7
2	5.314	5.314	31.5352	24.908	24.922	29.529	34.037	38.446	42.759	304.2	0.61	1467.7
4	5.312	5.312	31.5530	24.922	24.936	29.543	34.052	38.460	42.773	302.8	1.22	1467.8
6	5.311	5.310	31.5542	24.923	24.937	29.544	34.053	38.461	42.774	302.7	1.82	1467.8
8	5.309	5.308	31.5552	24.924	24.938	29.545	34.054	38.462	42.775	302.7	2.43	1467.8
10	4.537	4.536	32.1609	25.487	25.500	30.123	34.645	39.065	43.391	249.2	3.03	1465.5
12	2.637	2.636	32.7357	26.124	26.133	30.803	35.367	39.828	44.190	189.0	3.53	1458.2
14	2.212	2.211	32.7567	26.175	26.184	30.865	35.440	39.910	44.283	184.2	3.91	1456.4
16	1.968	1.967	32.7644	26.200	26.208	30.896	35.477	39.954	44.332	181.9	4.28	1455.3
18	1.929	1.928	32.7631	26.202	26.210	30.899	35.481	39.959	44.338	181.7	4.64	1455.2
20	1.930	1.929	32.7586	26.198	26.206	30.895	35.477	39.955	44.334	182.0	5.01	1455.2
22	1.925	1.924	32.7574	26.198	26.206	30.895	35.477	39.955	44.334	182.1	5.37	1455.2
24	1.920	1.919	32.7555	26.197	26.204	30.894	35.476	39.954	44.333	182.2	5.73	1455.2
26	1.920	1.919	32.7566	26.197	26.205	30.895	35.477	39.955	44.334	182.1	6.10	1455.3
28	1.938	1.936	32.7587	26.198	26.206	30.895	35.476	39.954	44.333	182.1	6.46	1455.4
30	1.939	1.937	32.7593	26.198	26.206	30.895	35.477	39.954	44.333	182.1	6.83	1455.4
35	1.922	1.921	32.7588	26.199	26.207	30.896	35.478	39.956	44.335	182.0	7.74	1455.4
40	1.928	1.926	32.7581	26.198	26.206	30.895	35.477	39.955	44.334	182.1	8.65	1455.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 55

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
55	108	12	8	1988	0346	67	44.1 N	168	26.4 W	46	4.9	1005.1	8.6	310

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.142	4.142	32.1413	25.513	25.525	30.157	34.689	39.119	43.453	246.8	0.00	1463.6
2	4.142	4.142	32.1413	25.513	25.525	30.158	34.689	39.119	43.453	246.8	0.49	1463.6
4	4.145	4.144	32.1391	25.511	25.523	30.156	34.687	39.117	43.451	247.0	0.99	1463.7
6	4.141	4.141	32.1417	25.513	25.525	30.158	34.690	39.120	43.454	246.8	1.48	1463.7
8	4.042	4.041	32.2171	25.583	25.595	30.230	34.763	39.195	43.530	240.2	1.97	1463.4
10	3.508	3.507	32.5374	25.889	25.900	30.547	35.091	39.532	43.877	211.2	2.46	1461.6
12	2.983	2.983	32.7099	26.074	26.084	30.744	35.299	39.752	44.107	193.7	2.88	1459.6
14	2.882	2.882	32.7177	26.089	26.098	30.761	35.319	39.774	44.132	192.3	3.26	1459.2
16	2.872	2.871	32.7335	26.102	26.112	30.775	35.333	39.788	44.146	191.0	3.65	1459.2
18	2.824	2.823	32.7347	26.107	26.117	30.781	35.341	39.797	44.155	190.6	4.03	1459.1
20	2.713	2.712	32.7404	26.122	26.131	30.798	35.360	39.819	44.180	189.2	4.41	1458.6
22	2.547	2.546	32.7328	26.129	26.138	30.810	35.377	39.840	44.204	188.5	4.79	1457.9
24	1.865	1.864	32.6848	26.144	26.152	30.843	35.428	39.908	44.288	187.2	5.17	1454.9
26	1.628	1.627	32.7218	26.191	26.198	30.896	35.486	39.972	44.358	182.8	5.54	1453.9
28	1.597	1.595	32.7412	26.208	26.216	30.915	35.505	39.992	44.378	181.1	5.91	1453.8
30	1.544	1.543	32.7450	26.215	26.222	30.923	35.515	40.002	44.390	180.5	6.27	1453.6
35	1.511	1.510	32.7590	26.229	26.236	30.937	35.530	40.018	44.407	179.2	7.17	1453.6
40	1.567	1.565	32.7698	26.233	26.241	30.940	35.532	40.018	44.405	178.8	8.07	1453.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 56

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
56	110	12	8	1988	1028	67	44.2 N	169	55.6 W	46	3.8	1008.1	1.6	142

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.481	5.481	30.6836	24.217	24.231	28.840	33.352	37.763	42.078	369.9	0.00	1467.3
2	5.503	5.503	30.8180	24.321	24.335	28.943	33.452	37.862	42.176	360.1	0.74	1467.6
4	5.567	5.567	31.1618	24.584	24.598	29.202	33.708	38.113	42.424	334.9	1.46	1468.3
6	5.561	5.560	31.5386	24.882	24.896	29.497	34.000	38.403	42.711	306.6	2.13	1468.8
8	5.319	5.318	32.4471	25.626	25.641	30.241	34.743	39.145	43.451	235.8	2.74	1469.1
10	3.405	3.404	32.5628	25.919	25.929	30.579	35.125	39.569	43.916	208.4	3.21	1461.2
12	2.395	2.394	32.5763	26.017	26.025	30.703	35.275	39.742	44.112	199.2	3.63	1456.9
14	1.898	1.898	32.7708	26.210	26.218	30.908	35.491	39.969	44.349	180.9	4.03	1455.0
16	1.790	1.790	32.7885	26.233	26.240	30.933	35.518	39.999	44.381	178.8	4.39	1454.6
18	1.532	1.532	32.7934	26.255	26.262	30.962	35.554	40.042	44.429	176.7	4.74	1453.5
20	1.427	1.426	32.7867	26.257	26.263	30.967	35.562	40.052	44.442	176.6	5.10	1453.0
22	1.386	1.385	32.8175	26.284	26.291	30.995	35.591	40.082	44.473	174.0	5.45	1452.9
24	1.423	1.422	32.8043	26.271	26.278	30.981	35.576	40.066	44.456	175.2	5.80	1453.1
26	1.286	1.285	32.8215	26.294	26.301	31.008	35.606	40.099	44.493	173.1	6.15	1452.5
28	1.208	1.207	32.8248	26.302	26.308	31.018	35.618	40.113	44.509	172.3	6.50	1452.2
30	1.101	1.100	32.8290	26.312	26.318	31.031	35.634	40.132	44.530	171.4	6.84	1451.8
35	1.016	1.015	32.8992	26.373	26.380	31.094	35.699	40.199	44.598	165.5	7.70	1451.6

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 56

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
56	111	12	8	1988	1029	67	44.2 N	169	55.6 W	46	3.8	1008.1	1.6	142

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.409	5.409	31.6496	24.987	25.001	29.604	34.111	38.516	42.827	296.6	0.00	1468.2
2	5.408	5.407	31.6681	25.002	25.016	29.620	34.125	38.531	42.841	295.2	0.59	1468.3
4	5.402	5.402	31.6839	25.015	25.029	29.633	34.138	38.544	42.854	293.9	1.18	1468.3
6	5.400	5.400	31.6908	25.020	25.035	29.638	34.144	38.549	42.860	293.4	1.77	1468.4
8	5.218	5.217	32.0037	25.288	25.302	29.908	34.416	38.823	43.135	268.0	2.36	1468.1
10	2.452	2.452	32.7853	26.179	26.188	30.862	35.430	39.895	44.262	183.8	2.89	1457.4
12	1.997	1.996	32.8214	26.243	26.251	30.938	35.518	39.994	44.370	177.7	3.26	1455.5
14	1.504	1.503	32.8274	26.284	26.291	30.992	35.584	40.072	44.460	174.0	3.62	1453.3
16	1.481	1.480	32.8715	26.321	26.328	31.029	35.622	40.110	44.498	170.5	3.96	1453.3
18	1.267	1.267	32.8707	26.334	26.341	31.048	35.647	40.140	44.534	169.2	4.30	1452.4
20	1.176	1.175	32.8849	26.352	26.358	31.068	35.669	40.165	44.560	167.6	4.64	1452.0
22	1.071	1.070	32.8907	26.363	26.369	31.082	35.686	40.184	44.582	166.5	4.98	1451.6
24	0.885	0.884	32.9106	26.391	26.397	31.115	35.723	40.226	44.629	163.9	5.31	1450.8
26	1.017	1.016	32.9294	26.398	26.404	31.118	35.723	40.222	44.621	163.2	5.64	1451.5
28	0.968	0.967	32.9328	26.403	26.409	31.125	35.731	40.231	44.632	162.7	5.97	1451.3
30	0.828	0.826	32.9458	26.422	26.428	31.148	35.758	40.262	44.665	160.9	6.29	1450.7
35	0.647	0.645	32.9919	26.470	26.476	31.200	35.815	40.323	44.730	156.4	7.10	1450.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 58

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
58	114	12	8	1988	1940	67	30.0 N	172	12.0 W	44	5.6	1005.8	8.1	125

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.986	5.986	30.5481	24.052	24.067	28.663	33.165	37.566	41.872	385.6	0.00	1469.1
2	5.957	5.957	30.6062	24.101	24.116	28.714	33.215	37.616	41.922	380.9	0.76	1469.1
4	5.916	5.916	30.6881	24.170	24.185	28.783	33.285	37.686	41.993	374.3	1.53	1469.1
6	5.335	5.334	31.9722	25.250	25.264	29.867	34.372	38.777	43.087	271.6	2.28	1468.5
8	3.821	3.821	32.3049	25.674	25.686	30.326	34.864	39.300	43.640	231.5	2.82	1462.6
10	2.425	2.424	32.7749	26.173	26.182	30.857	35.426	39.891	44.258	184.4	3.28	1457.2
12	1.684	1.683	32.8933	26.324	26.331	31.026	35.614	40.097	44.480	170.1	3.65	1454.2
14	1.428	1.427	32.8880	26.338	26.345	31.047	35.641	40.130	44.520	168.9	3.99	1453.1
16	1.310	1.309	32.8832	26.342	26.348	31.054	35.652	40.144	44.536	168.5	4.33	1452.6
18	1.432	1.432	32.9116	26.356	26.363	31.065	35.659	40.148	44.537	167.1	4.67	1453.2
20	1.126	1.125	32.9407	26.400	26.406	31.117	35.719	40.215	44.612	163.0	5.00	1451.9
22	1.048	1.047	32.9552	26.416	26.423	31.136	35.739	40.238	44.636	161.4	5.33	1451.6
24	1.024	1.023	32.9922	26.448	26.454	31.167	35.771	40.270	44.668	158.5	5.65	1451.6
26	0.934	0.933	33.0383	26.490	26.496	31.212	35.818	40.319	44.719	154.5	5.97	1451.2
28	0.887	0.886	33.0664	26.516	26.522	31.238	35.846	40.347	44.748	152.1	6.27	1451.1
30	0.742	0.741	33.1262	26.572	26.578	31.299	35.909	40.414	44.818	146.7	6.58	1450.6
35	0.533	0.531	33.2228	26.662	26.667	31.393	36.009	40.518	44.927	138.2	7.31	1449.8

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 59

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
59	116	12	8	1988	2228	67	09.2 N	172	00.0 W	38	6.9	1005.9	2.5	188

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
2	5.316	5.316	25.6683	20.285	20.296	24.950	29.503	33.953	38.307	746.5	1.49	1460.0
4	5.217	5.217	25.6908	20.312	20.323	24.980	29.535	33.987	38.343	743.8	2.99	1459.7
6	5.177	5.177	27.7490	21.937	21.949	26.590	31.130	35.569	39.911	587.9	4.47	1462.2
8	4.523	4.522	30.1549	23.902	23.914	28.553	33.090	37.526	41.866	400.2	5.65	1462.7
10	4.786	4.785	30.7335	24.333	24.345	28.972	33.499	37.925	42.255	359.1	6.45	1464.6
12	4.585	4.584	31.3457	24.837	24.850	29.478	34.005	38.431	42.760	311.0	7.17	1464.6
14	2.623	2.623	32.0424	25.573	25.582	30.257	34.827	39.293	43.661	241.4	7.79	1457.2
16	1.166	1.166	32.9735	26.423	26.430	31.139	35.740	40.235	44.630	160.8	8.27	1452.0
18	0.787	0.786	33.2172	26.643	26.648	31.367	35.976	40.478	44.881	140.0	8.60	1450.7
20	0.597	0.596	33.2901	26.712	26.718	31.441	36.055	40.562	44.968	133.4	8.88	1450.0
22	0.326	0.325	33.4143	26.827	26.832	31.563	36.183	40.696	45.108	122.5	9.14	1448.9
24	0.325	0.324	33.4359	26.845	26.850	31.580	36.200	40.713	45.125	120.9	9.39	1449.0
26	0.304	0.303	33.4552	26.861	26.867	31.597	36.217	40.731	45.143	119.3	9.63	1449.0
28	0.275	0.274	33.4675	26.873	26.878	31.610	36.230	40.744	45.158	118.2	9.87	1448.9
30	0.234	0.233	33.4800	26.885	26.890	31.623	36.244	40.760	45.174	117.1	10.10	1448.8

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 60

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
60	118	13	8	1988	0351	67	15.7 N	170	49.6 W	43	8.1	1005.4	1.7	75

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.859	5.859	28.2768	22.280	22.294	26.911	31.433	35.852	40.177	554.9	0.00	1465.6
2	5.813	5.813	28.2475	22.262	22.276	26.896	31.417	35.838	40.164	556.7	1.11	1465.4
4	5.783	5.783	28.3286	22.329	22.343	26.963	31.485	35.906	40.231	550.3	2.23	1465.5
6	5.557	5.556	28.5543	22.532	22.545	27.169	31.694	36.119	40.447	531.0	3.33	1464.9
8	4.016	4.016	30.0529	23.871	23.881	28.535	33.086	37.534	41.885	403.3	4.39	1460.4
10	2.513	2.513	31.7018	25.310	25.319	30.000	34.576	39.047	43.420	266.3	5.20	1456.2
12	1.748	1.748	32.8274	26.267	26.274	30.968	35.554	40.036	44.418	175.6	5.73	1454.4
14	1.546	1.545	32.8843	26.326	26.334	31.033	35.624	40.110	44.497	169.9	6.08	1453.6
16	1.498	1.498	32.9453	26.379	26.386	31.086	35.678	40.165	44.552	165.0	6.42	1453.5
18	1.480	1.479	33.0336	26.451	26.458	31.157	35.749	40.236	44.623	158.1	6.75	1453.6
20	1.417	1.416	33.0749	26.488	26.495	31.196	35.789	40.277	44.666	154.6	7.07	1453.4
22	1.405	1.404	33.1111	26.518	26.525	31.226	35.819	40.307	44.696	151.8	7.38	1453.4
24	1.368	1.367	33.1434	26.546	26.553	31.255	35.849	40.337	44.727	149.1	7.68	1453.3
26	1.290	1.289	33.1846	26.584	26.591	31.295	35.891	40.381	44.772	145.5	7.98	1453.0
28	1.203	1.201	33.2125	26.613	26.619	31.326	35.923	40.416	44.808	142.8	8.27	1452.7
30	1.192	1.190	33.2191	26.619	26.625	31.332	35.930	40.422	44.815	142.2	8.55	1452.7
35	1.174	1.173	33.2286	26.627	26.634	31.341	35.939	40.432	44.825	141.4	9.27	1452.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 61

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
61	120	13	8	1988	0634	67	20.0 N	169	45.0 W	49	5.0	1005.2	4.9	166

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.177	5.177	30.2566	23.914	23.927	28.547	33.070	37.490	41.815	398.9	0.00	1465.4
2	5.019	5.019	30.4327	24.070	24.083	28.707	33.231	37.653	41.980	384.0	0.78	1465.0
4	4.751	4.751	30.8122	24.398	24.411	29.039	33.566	37.992	42.322	352.8	1.54	1464.5
6	4.035	4.035	31.5821	25.080	25.092	29.732	34.271	38.707	43.047	288.0	2.25	1462.5
8	2.402	2.402	32.7135	26.126	26.134	30.811	35.381	39.847	44.215	188.8	2.83	1457.0
10	1.968	1.967	32.8901	26.301	26.308	30.995	35.575	40.051	44.428	172.3	3.20	1455.4
12	1.853	1.853	32.8873	26.307	26.315	31.005	35.588	40.066	44.446	171.7	3.55	1454.9
14	1.784	1.783	32.8891	26.313	26.321	31.013	35.598	40.078	44.460	171.1	3.89	1454.6
16	1.701	1.700	32.8913	26.321	26.329	31.023	35.610	40.093	44.476	170.4	4.23	1454.3
18	1.663	1.662	32.8879	26.321	26.328	31.024	35.612	40.096	44.480	170.4	4.58	1454.2
20	1.670	1.669	32.8850	26.318	26.326	31.021	35.609	40.092	44.476	170.7	4.92	1454.2
22	1.671	1.670	32.8835	26.317	26.324	31.020	35.608	40.091	44.475	170.8	5.26	1454.3
24	1.667	1.666	32.8816	26.316	26.323	31.019	35.607	40.090	44.474	170.9	5.60	1454.3
26	1.638	1.636	32.8820	26.318	26.326	31.022	35.611	40.095	44.479	170.7	5.94	1454.2
28	1.591	1.590	32.9031	26.338	26.346	31.043	35.633	40.118	44.504	168.8	6.28	1454.0
30	1.568	1.566	32.9126	26.348	26.355	31.053	35.643	40.129	44.515	167.9	6.62	1454.0
35	1.524	1.523	32.9261	26.361	26.369	31.068	35.659	40.146	44.533	166.6	7.46	1453.9
40	1.511	1.509	32.9302	26.366	26.373	31.073	35.664	40.151	44.538	166.2	8.29	1453.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 62

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
62	122	13	8	1988	1149	67	20.1 N	168	43.0 W	44	4.5	1002.7	8.8	174

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.596	2.596	32.3263	25.801	25.810	30.484	35.052	39.517	43.884	219.6	0.00	1457.2
2	2.601	2.601	32.3122	25.790	25.799	30.473	35.041	39.506	43.872	220.7	0.44	1457.3
4	2.603	2.602	32.2906	25.772	25.781	30.455	35.024	39.489	43.855	222.4	0.88	1457.3
6	2.610	2.610	32.2903	25.772	25.780	30.454	35.023	39.487	43.854	222.5	1.33	1457.3
8	2.614	2.613	32.2900	25.771	25.780	30.454	35.022	39.486	43.853	222.5	1.77	1457.4
10	2.589	2.588	32.2943	25.776	25.785	30.460	35.028	39.494	43.861	222.0	2.22	1457.3
12	2.548	2.548	32.3018	25.786	25.794	30.470	35.040	39.506	43.874	221.1	2.66	1457.2
14	2.527	2.526	32.3076	25.792	25.801	30.477	35.047	39.514	43.882	220.5	3.10	1457.1
16	2.337	2.336	32.3215	25.818	25.827	30.508	35.083	39.554	43.926	218.1	3.54	1456.3
18	2.215	2.214	32.3673	25.864	25.873	30.557	35.135	39.608	43.983	213.7	3.98	1455.9
20	2.177	2.176	32.3803	25.878	25.886	30.571	35.150	39.624	44.000	212.5	4.41	1455.8
22	2.146	2.144	32.4020	25.897	25.905	30.591	35.171	39.646	44.022	210.6	4.83	1455.7
24	2.145	2.144	32.4153	25.908	25.916	30.602	35.181	39.656	44.032	209.6	5.25	1455.8
26	2.146	2.144	32.4305	25.920	25.928	30.614	35.193	39.668	44.044	208.4	5.67	1455.8
28	2.145	2.143	32.4533	25.938	25.946	30.632	35.211	39.686	44.062	206.7	6.09	1455.9
30	2.143	2.141	32.4776	25.958	25.966	30.651	35.230	39.705	44.081	204.9	6.50	1455.9
35	2.137	2.135	32.5306	26.001	26.009	30.694	35.272	39.747	44.123	200.8	7.53	1456.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 63

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
63	123	13	8	1988	1412	67	20.5 N	167	44.0 W	44	4.8	1003.8	9.4	175

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	3.411	3.411	32.3547	25.753	25.763	30.414	34.962	39.407	43.755	224.1	0.00	1460.8
2	3.414	3.413	32.3564	25.754	25.764	30.416	34.963	39.408	43.756	224.0	0.45	1460.8
4	3.415	3.415	32.3423	25.743	25.753	30.404	34.952	39.397	43.745	225.1	0.90	1460.9
6	3.421	3.421	32.3028	25.711	25.721	30.373	34.920	39.366	43.714	228.1	1.35	1460.9
8	3.420	3.419	32.3031	25.711	25.721	30.373	34.921	39.366	43.714	228.1	1.80	1460.9
10	3.224	3.223	32.3006	25.727	25.737	30.394	34.946	39.397	43.749	226.6	2.26	1460.1
12	2.594	2.593	32.3865	25.849	25.858	30.532	35.100	39.564	43.930	215.1	2.71	1457.5
14	2.287	2.286	32.3971	25.883	25.891	30.573	35.149	39.620	43.993	212.0	3.14	1456.2
16	2.267	2.267	32.3985	25.885	25.893	30.576	35.152	39.624	43.998	211.7	3.57	1456.1
18	2.230	2.229	32.3955	25.886	25.894	30.578	35.155	39.628	44.002	211.7	3.99	1456.0
20	2.121	2.120	32.3943	25.893	25.901	30.588	35.168	39.644	44.021	211.0	4.41	1455.6
22	2.087	2.086	32.3940	25.895	25.903	30.591	35.172	39.649	44.026	210.8	4.84	1455.4
24	2.102	2.101	32.4022	25.901	25.909	30.596	35.176	39.653	44.030	210.3	5.26	1455.6
26	1.929	1.928	32.4024	25.914	25.922	30.614	35.199	39.679	44.060	209.1	5.68	1454.8
28	1.887	1.886	32.4140	25.926	25.934	30.627	35.213	39.694	44.077	207.9	6.10	1454.7
30	1.838	1.837	32.4329	25.945	25.952	30.647	35.234	39.716	44.100	206.1	6.51	1454.5
35	1.753	1.751	32.5103	26.013	26.020	30.717	35.305	39.789	44.174	199.7	7.54	1454.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 64

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
64	124	13	8	1988	1643	67	12.8 N	166	42.6 W	45	5.9	1003.6	9.0	170

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	3.923	3.923	32.2941	25.656	25.667	30.304	34.841	39.274	43.612	233.2	0.00	1462.9
2	3.926	3.926	32.2909	25.653	25.664	30.302	34.838	39.272	43.609	233.5	0.47	1462.9
4	3.923	3.922	32.2326	25.607	25.618	30.257	34.793	39.227	43.565	237.9	0.93	1462.9
6	3.916	3.915	32.2322	25.607	25.619	30.257	34.794	39.228	43.566	237.8	1.41	1462.9
8	3.912	3.911	32.2337	25.609	25.620	30.259	34.795	39.230	43.568	237.7	1.88	1462.9
10	3.621	3.620	32.3368	25.719	25.730	30.375	34.918	39.359	43.702	227.3	2.36	1461.8
12	3.561	3.560	32.3362	25.724	25.735	30.382	34.926	39.368	43.713	226.8	2.81	1461.6
14	3.458	3.457	32.3647	25.756	25.767	30.417	34.963	39.407	43.754	223.8	3.27	1461.2
16	2.933	2.932	32.4968	25.909	25.918	30.581	35.140	39.595	43.953	209.4	3.72	1459.2
18	2.711	2.710	32.4839	25.917	25.927	30.596	35.160	39.621	43.984	208.6	4.13	1458.2
20	2.619	2.618	32.4155	25.871	25.880	30.552	35.119	39.583	43.948	213.1	4.55	1457.8
22	2.437	2.436	32.4376	25.903	25.912	30.589	35.161	39.628	43.998	210.0	4.98	1457.0
24	2.393	2.392	32.4691	25.932	25.940	30.619	35.191	39.660	44.030	207.3	5.40	1456.9
26	2.320	2.319	32.5789	26.025	26.033	30.713	35.286	39.756	44.127	198.5	5.81	1456.8
28	2.316	2.314	32.5717	26.020	26.028	30.708	35.281	39.751	44.122	199.0	6.21	1456.8
30	2.292	2.290	32.5866	26.033	26.042	30.722	35.296	39.766	44.138	197.7	6.61	1456.7
35	1.854	1.852	32.6192	26.093	26.100	30.793	35.378	39.858	44.240	192.1	7.60	1454.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 65

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
65	126	14	8	1988	0024	67	20.0 N	165	00.0 W	29	8.8	1001.5	11.2	149

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.586	9.586	29.2865	22.567	22.590	27.109	31.545	35.883	40.129	526.6	0.00	1481.6
2	9.582	9.582	29.3253	22.598	22.621	27.141	31.575	35.913	40.159	523.7	1.05	1481.6
4	9.553	9.553	29.7281	22.915	22.939	27.457	31.888	36.224	40.468	493.3	2.10	1482.1
6	9.110	9.109	30.9808	23.960	23.983	28.501	32.933	37.269	41.513	393.7	3.08	1482.0
8	8.929	8.928	31.0633	24.052	24.075	28.597	33.032	37.370	41.617	385.0	3.87	1481.5
10	8.158	8.157	31.0852	24.185	24.205	28.745	33.196	37.549	41.810	372.5	4.64	1478.6
12	7.219	7.218	31.3248	24.504	24.523	29.083	33.552	37.922	42.198	342.3	5.39	1475.3
14	7.099	7.097	31.4634	24.629	24.647	29.210	33.680	38.051	42.330	330.4	6.07	1475.0
16	6.467	6.466	31.5665	24.793	24.810	29.387	33.870	38.254	42.543	315.0	6.73	1472.7
18	5.502	5.500	31.7658	25.068	25.082	29.683	34.186	38.588	42.896	289.0	7.36	1469.1
20	4.106	4.105	31.9690	25.380	25.392	30.027	34.561	38.993	43.328	259.5	7.94	1463.6
22	3.739	3.738	31.9937	25.435	25.446	30.092	34.634	39.074	43.418	254.3	8.46	1462.1
24	3.662	3.660	31.9965	25.445	25.456	30.103	34.647	39.089	43.435	253.4	8.97	1461.8

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 66

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
66	128	14	8	1988	0523	66	55.5 N	165	55.1 W	22	7.2	1000.0	10.2	185

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.928	7.928	31.3178	24.400	24.420	28.962	33.417	37.773	42.037	351.9	0.00	1477.9
2	7.926	7.926	31.3249	24.406	24.426	28.970	33.423	37.779	42.042	351.4	0.70	1477.9
4	7.924	7.924	31.3237	24.405	24.425	28.969	33.422	37.778	42.042	351.5	1.41	1477.9
6	7.914	7.913	31.3072	24.394	24.414	28.958	33.412	37.768	42.032	352.6	2.11	1477.9
8	7.915	7.914	31.3059	24.393	24.412	28.957	33.411	37.767	42.031	352.7	2.81	1477.9
10	7.904	7.903	31.3068	24.395	24.415	28.959	33.413	37.770	42.034	352.5	3.52	1477.9
12	7.887	7.886	31.3095	24.399	24.419	28.964	33.418	37.775	42.040	352.2	4.22	1477.9
14	7.882	7.880	31.3085	24.399	24.419	28.964	33.419	37.776	42.040	352.2	4.93	1477.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 67

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
67	130	14	8	1988	0931	66	56.0 N	166	50.0 W	35	7.0	992.4	14.0	175

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.976	4.976	32.0096	25.320	25.333	29.945	34.459	38.871	43.188	264.9	0.00	1466.9
2	4.979	4.978	31.9875	25.302	25.316	29.928	34.441	38.854	43.171	266.6	0.53	1466.9
4	4.979	4.979	31.9488	25.272	25.285	29.898	34.411	38.824	43.141	269.6	1.07	1466.9
6	4.982	4.982	31.9310	25.257	25.271	29.883	34.397	38.810	43.127	271.0	1.60	1466.9
8	4.971	4.971	31.9344	25.261	25.275	29.888	34.401	38.814	43.132	270.6	2.15	1466.9
10	4.957	4.957	31.9412	25.268	25.282	29.895	34.409	38.822	43.140	270.0	2.69	1466.9
12	4.940	4.939	31.9487	25.276	25.289	29.903	34.417	38.831	43.149	269.2	3.23	1466.9
14	4.930	4.929	31.9506	25.279	25.292	29.906	34.420	38.834	43.152	269.0	3.77	1466.9
16	4.889	4.888	31.9622	25.292	25.306	29.920	34.436	38.850	43.169	267.7	4.30	1466.8
18	4.683	4.682	32.0128	25.355	25.368	29.987	34.507	38.926	43.249	261.8	4.84	1466.0
20	4.441	4.439	32.1021	25.451	25.463	30.089	34.614	39.037	43.365	252.7	5.36	1465.1
22	4.273	4.272	32.1175	25.481	25.493	30.123	34.651	39.078	43.409	249.9	5.87	1464.5
24	3.904	3.903	32.1882	25.574	25.585	30.224	34.761	39.196	43.535	241.2	6.37	1463.1
26	3.786	3.784	32.1319	25.540	25.552	30.194	34.735	39.173	43.514	244.3	6.85	1462.5
28	3.745	3.743	32.0877	25.509	25.520	30.165	34.706	39.146	43.488	247.3	7.34	1462.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 68

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
68	132	14	8	1988	1459	66	55.0 N	167	50.0 W	30	7.0	987.6	14.2	184

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.775	5.775	31.5655	24.878	24.893	29.487	33.986	38.384	42.688	306.9	0.00	1469.6
2	5.775	5.775	31.5706	24.882	24.897	29.492	33.990	38.388	42.691	306.5	0.61	1469.7
4	5.773	5.772	31.5501	24.866	24.881	29.476	33.974	38.373	42.676	308.0	1.22	1469.7
6	5.764	5.764	31.5391	24.858	24.873	29.469	33.967	38.366	42.670	308.8	1.84	1469.6
8	5.806	5.806	31.5334	24.849	24.864	29.458	33.956	38.354	42.657	309.7	2.46	1469.8
10	5.799	5.798	31.5342	24.850	24.865	29.460	33.958	38.356	42.659	309.6	3.08	1469.8
12	5.771	5.770	31.5387	24.857	24.872	29.467	33.966	38.364	42.668	309.0	3.70	1469.8
14	5.748	5.747	31.5389	24.860	24.875	29.471	33.970	38.369	42.673	308.7	4.32	1469.7
16	5.767	5.766	31.5380	24.857	24.872	29.468	33.966	38.364	42.668	309.0	4.93	1469.8
18	5.764	5.762	31.5389	24.858	24.873	29.469	33.967	38.366	42.670	308.9	5.55	1469.8
20	5.795	5.794	31.5363	24.852	24.867	29.462	33.960	38.358	42.661	309.5	6.17	1470.0
22	5.792	5.790	31.5354	24.852	24.867	29.462	33.960	38.358	42.661	309.5	6.79	1470.0
24	5.799	5.797	31.5346	24.850	24.866	29.460	33.958	38.356	42.659	309.7	7.41	1470.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 69

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
69	134	14	8	1988	2055	66	54.5 N	168	54.7 W	43	3.5	986.7	10.2	188

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.162	2.162	32.2997	25.814	25.822	30.509	35.089	39.564	43.941	218.5	0.00	1455.3
2	2.163	2.163	32.3110	25.823	25.831	30.518	35.097	39.573	43.949	217.6	0.44	1455.3
4	2.163	2.163	32.3138	25.826	25.834	30.520	35.100	39.575	43.951	217.4	0.87	1455.4
6	2.162	2.162	32.2648	25.787	25.795	30.481	35.061	39.537	43.914	221.1	1.31	1455.3
8	2.165	2.165	32.2551	25.779	25.787	30.473	35.053	39.529	43.906	221.9	1.75	1455.4
10	2.162	2.161	32.2547	25.779	25.787	30.473	35.053	39.529	43.906	221.9	2.19	1455.4
12	2.164	2.163	32.2545	25.778	25.786	30.473	35.053	39.529	43.906	221.9	2.64	1455.4
14	2.152	2.152	32.2552	25.780	25.788	30.475	35.055	39.531	43.908	221.8	3.08	1455.4
16	2.152	2.151	32.2554	25.780	25.788	30.475	35.055	39.531	43.908	221.7	3.52	1455.4
18	2.151	2.150	32.2558	25.780	25.788	30.475	35.056	39.532	43.909	221.7	3.97	1455.5
20	2.151	2.150	32.2541	25.779	25.787	30.474	35.054	39.531	43.908	221.9	4.41	1455.5
22	2.120	2.119	32.2614	25.787	25.795	30.483	35.064	39.541	43.919	221.1	4.85	1455.4
24	2.112	2.111	32.2639	25.790	25.798	30.486	35.067	39.544	43.922	220.8	5.30	1455.4
26	2.101	2.100	32.2656	25.792	25.800	30.488	35.070	39.547	43.925	220.6	5.74	1455.4
28	2.099	2.097	32.2668	25.793	25.801	30.489	35.071	39.548	43.927	220.5	6.18	1455.4
30	2.086	2.085	32.2687	25.795	25.803	30.492	35.074	39.552	43.930	220.3	6.62	1455.4
35	2.077	2.075	32.2725	25.799	25.807	30.496	35.078	39.556	43.935	220.0	7.72	1455.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 70

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
70	135	15	8	1988	0212	66	55.0 N	169	55.0 W	44	3.4	990.6	10.1	224

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.929	2.929	32.0186	25.528	25.538	30.205	34.767	39.226	43.588	245.5	0.00	1458.3
2	2.314	2.314	32.3975	25.881	25.889	30.571	35.146	39.616	43.989	212.1	0.44	1456.1
4	1.876	1.876	32.5502	26.036	26.043	30.736	35.321	39.802	44.183	197.5	0.87	1454.4
6	1.792	1.792	32.5588	26.049	26.056	30.751	35.338	39.821	44.204	196.2	1.26	1454.1
8	1.765	1.764	32.6073	26.090	26.097	30.792	35.380	39.863	44.246	192.4	1.65	1454.1
10	1.727	1.726	32.6199	26.102	26.110	30.806	35.394	39.878	44.263	191.2	2.04	1454.0
12	1.701	1.700	32.6234	26.107	26.114	30.811	35.400	39.885	44.270	190.7	2.42	1453.9
14	1.701	1.700	32.6220	26.106	26.113	30.810	35.399	39.884	44.269	190.8	2.80	1453.9
16	1.697	1.696	32.6197	26.104	26.112	30.809	35.398	39.882	44.268	191.0	3.18	1453.9
18	1.703	1.702	32.6210	26.105	26.112	30.809	35.398	39.883	44.268	190.9	3.57	1454.0
20	1.693	1.692	32.6194	26.104	26.112	30.809	35.398	39.883	44.268	191.0	3.95	1454.0
22	1.687	1.686	32.6191	26.104	26.112	30.809	35.399	39.883	44.269	191.0	4.33	1454.0
24	1.685	1.684	32.6185	26.104	26.111	30.809	35.398	39.883	44.269	191.0	4.71	1454.0
26	1.684	1.683	32.6178	26.104	26.111	30.808	35.398	39.883	44.268	191.1	5.09	1454.0
28	1.684	1.683	32.6179	26.104	26.111	30.808	35.398	39.883	44.268	191.1	5.48	1454.1
30	1.685	1.683	32.6173	26.103	26.111	30.808	35.397	39.882	44.268	191.1	5.86	1454.1
35	1.683	1.681	32.6162	26.102	26.110	30.807	35.397	39.882	44.267	191.2	6.81	1454.2
40	1.671	1.669	32.6134	26.101	26.108	30.806	35.396	39.881	44.267	191.3	7.77	1454.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 71

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
71	137	15	8	1988	0535	66	54.7 N	171	00.4 W	38	3.4	997.1	8.3	275

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.549	5.549	27.9549	22.061	22.073	26.702	31.233	35.662	39.995	576.0	0.00	1463.9
2	5.549	5.549	27.9617	22.066	22.079	26.708	31.238	35.667	40.000	575.5	1.15	1464.0
4	5.546	5.546	27.9872	22.086	22.099	26.729	31.258	35.687	40.020	573.6	2.30	1464.0
6	5.459	5.458	28.1584	22.230	22.243	26.874	31.404	35.833	40.166	559.8	3.45	1463.9
8	4.461	4.461	30.8611	24.467	24.479	29.114	33.648	38.080	42.415	346.3	4.57	1463.4
10	2.737	2.736	32.1636	25.660	25.669	30.341	34.907	39.369	43.734	233.0	5.26	1457.8
12	1.853	1.852	32.9189	26.332	26.340	31.030	35.613	40.091	44.471	169.3	5.73	1455.0
14	1.722	1.721	33.0071	26.412	26.420	31.113	35.698	40.179	44.561	161.8	6.07	1454.5
16	1.595	1.595	33.0684	26.470	26.478	31.174	35.762	40.246	44.630	156.3	6.39	1454.1
18	1.551	1.550	33.1030	26.501	26.508	31.206	35.795	40.279	44.664	153.4	6.70	1454.0
20	1.543	1.542	33.1257	26.520	26.527	31.224	35.814	40.298	44.683	151.6	7.01	1454.0
22	1.475	1.474	33.1812	26.569	26.576	31.275	35.866	40.351	44.738	146.9	7.31	1453.8
24	1.419	1.417	33.2054	26.592	26.599	31.299	35.891	40.378	44.766	144.7	7.61	1453.6
26	1.396	1.395	33.2124	26.599	26.606	31.307	35.900	40.387	44.775	144.0	7.90	1453.6
28	1.161	1.159	33.2428	26.640	26.646	31.353	35.952	40.445	44.838	140.3	8.18	1452.6
30	1.066	1.064	33.2716	26.669	26.675	31.385	35.986	40.481	44.877	137.5	8.46	1452.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 72

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
72	138	15	8	1988	0853	66	33.0 N	170	10.0 W	49	3.2	999.7	6.3	342

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.488	2.488	32.4542	25.912	25.921	30.596	35.167	39.633	44.001	209.1	0.00	1456.9
2	2.484	2.484	32.4713	25.926	25.935	30.611	35.181	39.647	44.015	207.8	0.42	1457.0
4	2.478	2.478	32.4542	25.913	25.922	30.598	35.168	39.635	44.003	209.0	0.83	1456.9
6	2.490	2.489	32.4383	25.899	25.908	30.584	35.154	39.621	43.989	210.3	1.25	1457.0
8	2.328	2.328	32.4821	25.947	25.955	30.636	35.210	39.680	44.051	205.8	1.67	1456.4
10	2.053	2.053	32.5645	26.034	26.042	30.729	35.310	39.786	44.163	197.6	2.08	1455.3
12	1.857	1.857	32.6278	26.099	26.107	30.799	35.384	39.865	44.246	191.5	2.48	1454.6
14	1.846	1.845	32.6315	26.103	26.111	30.803	35.389	39.869	44.251	191.1	2.86	1454.6
16	1.766	1.765	32.6599	26.131	26.139	30.834	35.421	39.903	44.286	188.4	3.24	1454.3
18	1.655	1.655	32.7282	26.194	26.201	30.899	35.488	39.973	44.358	182.5	3.62	1453.9
20	1.636	1.635	32.7381	26.203	26.210	30.908	35.498	39.983	44.369	181.6	3.98	1453.9
22	1.635	1.634	32.7378	26.203	26.210	30.908	35.498	39.983	44.369	181.6	4.35	1453.9
24	1.636	1.635	32.7369	26.202	26.210	30.907	35.497	39.982	44.368	181.7	4.71	1453.9
26	1.637	1.636	32.7361	26.202	26.209	30.907	35.496	39.982	44.367	181.8	5.07	1454.0
28	1.636	1.635	32.7353	26.201	26.208	30.906	35.496	39.981	44.367	181.8	5.44	1454.0
30	1.636	1.635	32.7351	26.201	26.208	30.906	35.496	39.981	44.367	181.8	5.80	1454.0
35	1.637	1.636	32.7344	26.200	26.207	30.905	35.495	39.980	44.366	181.9	6.71	1454.1
40	1.637	1.635	32.7341	26.200	26.207	30.905	35.495	39.980	44.366	181.9	7.62	1454.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 73

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
73	140	15	8	1988	1455	66	33.0 N	169	19.0 W	48	3.0	1001.4	3.7	340

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.501	2.501	32.5206	25.964	25.973	30.647	35.217	39.682	44.050	204.2	0.00	1457.1
2	2.501	2.501	32.5268	25.969	25.978	30.653	35.222	39.687	44.055	203.7	0.41	1457.1
4	2.501	2.501	32.5097	25.955	25.964	30.639	35.208	39.674	44.041	205.0	0.81	1457.1
6	2.497	2.497	32.4979	25.946	25.955	30.630	35.200	39.665	44.033	205.9	1.22	1457.1
8	2.493	2.492	32.4960	25.945	25.954	30.629	35.199	39.665	44.032	206.0	1.64	1457.1
10	2.490	2.489	32.4935	25.943	25.952	30.628	35.197	39.663	44.031	206.2	2.05	1457.1
12	2.453	2.453	32.4917	25.945	25.953	30.630	35.201	39.668	44.036	206.0	2.46	1457.0
14	2.434	2.434	32.4923	25.947	25.955	30.632	35.204	39.671	44.040	205.9	2.87	1457.0
16	2.411	2.410	32.4915	25.948	25.957	30.634	35.206	39.674	44.044	205.8	3.28	1456.9
18	2.393	2.392	32.4924	25.950	25.959	30.637	35.209	39.678	44.048	205.5	3.70	1456.9
20	2.386	2.385	32.4919	25.950	25.959	30.637	35.210	39.678	44.048	205.5	4.11	1456.9
22	2.384	2.383	32.4915	25.950	25.959	30.637	35.210	39.678	44.049	205.5	4.52	1456.9
24	2.380	2.379	32.4916	25.951	25.959	30.638	35.210	39.679	44.049	205.5	4.93	1456.9
26	2.378	2.377	32.4920	25.951	25.960	30.638	35.211	39.680	44.050	205.5	5.34	1456.9
28	2.379	2.378	32.4930	25.952	25.960	30.639	35.211	39.680	44.050	205.4	5.75	1457.0
30	2.380	2.379	32.4933	25.952	25.960	30.639	35.212	39.680	44.050	205.4	6.16	1457.0
35	2.376	2.374	32.5001	25.958	25.966	30.645	35.218	39.686	44.057	204.9	7.19	1457.1
40	2.367	2.365	32.5076	25.964	25.973	30.652	35.225	39.693	44.064	204.3	8.21	1457.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 74

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
74	141	15	8	1988	1743	66	33.2 N	168	36.2 W	45	2.4	1002.4	4.1	350

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.504	2.504	32.2456	25.745	25.753	30.430	35.002	39.469	43.839	225.0	0.00	1456.7
2	2.503	2.503	32.2336	25.735	25.744	30.421	34.992	39.460	43.829	225.9	0.45	1456.7
4	2.503	2.503	32.2258	25.729	25.737	30.415	34.986	39.454	43.823	226.5	0.90	1456.7
6	2.493	2.493	32.2304	25.733	25.742	30.420	34.991	39.459	43.829	226.1	1.36	1456.7
8	2.491	2.491	32.2311	25.734	25.743	30.420	34.992	39.460	43.830	226.1	1.81	1456.8
10	2.489	2.488	32.2313	25.734	25.743	30.421	34.993	39.461	43.830	226.0	2.26	1456.8
12	2.483	2.482	32.2320	25.735	25.744	30.422	34.994	39.462	43.832	225.9	2.71	1456.8
14	2.484	2.483	32.2322	25.735	25.744	30.422	34.994	39.462	43.832	225.9	3.16	1456.8
16	2.483	2.482	32.2329	25.736	25.745	30.423	34.994	39.463	43.832	225.9	3.62	1456.9
18	2.481	2.480	32.2334	25.737	25.745	30.423	34.995	39.464	43.833	225.8	4.07	1456.9
20	2.480	2.479	32.2335	25.737	25.745	30.423	34.995	39.464	43.833	225.8	4.52	1456.9
22	2.481	2.480	32.2332	25.737	25.745	30.423	34.995	39.463	43.833	225.8	4.97	1457.0
24	2.480	2.478	32.2331	25.737	25.745	30.423	34.995	39.463	43.833	225.9	5.42	1457.0
26	2.477	2.476	32.2335	25.737	25.746	30.424	34.996	39.464	43.834	225.8	5.87	1457.0
28	2.476	2.474	32.2334	25.737	25.746	30.424	34.996	39.464	43.834	225.8	6.33	1457.0
30	2.473	2.472	32.2343	25.738	25.747	30.425	34.997	39.465	43.835	225.7	6.78	1457.1
35	2.469	2.467	32.2364	25.740	25.749	30.427	34.999	39.468	43.838	225.6	7.91	1457.1
40	2.466	2.463	32.2376	25.741	25.750	30.428	35.001	39.469	43.839	225.4	9.03	1457.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 75

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
75	143	16	8	1988	0027	66	32.9 N	167	17.2 W	26	4.8	1002.6	6.4	23

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.906	5.906	31.4498	24.771	24.786	29.378	33.875	38.271	42.573	317.0	0.00	1470.0
2	5.822	5.822	31.4787	24.804	24.819	29.413	33.911	38.309	42.612	313.9	0.63	1469.7
4	5.802	5.802	31.4812	24.808	24.823	29.418	33.916	38.314	42.618	313.5	1.26	1469.7
6	5.826	5.825	31.4693	24.796	24.811	29.405	33.903	38.301	42.604	314.7	1.88	1469.8
8	5.819	5.818	31.4699	24.797	24.812	29.407	33.905	38.303	42.606	314.6	2.51	1469.8
10	5.537	5.536	31.5293	24.877	24.892	29.493	33.997	38.400	42.709	307.1	3.14	1468.8
12	5.462	5.461	31.5430	24.897	24.911	29.514	34.020	38.425	42.735	305.2	3.76	1468.5
14	5.233	5.231	31.5903	24.960	24.974	29.583	34.093	38.503	42.817	299.2	4.37	1467.7
16	5.229	5.228	31.6266	24.989	25.003	29.612	34.122	38.531	42.846	296.5	4.96	1467.7
18	5.177	5.176	31.7017	25.054	25.068	29.678	34.188	38.598	42.913	290.3	5.56	1467.6
20	4.996	4.994	31.7771	25.134	25.148	29.761	34.276	38.689	43.007	282.8	6.14	1467.0
22	4.962	4.960	31.7895	25.148	25.161	29.775	34.290	38.705	43.023	281.5	6.70	1466.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 76

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
76	144	16	8	1988	0641	65	58.5 N	169	35.9 W	47	2.6	1005.6	5.8	337

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.784	2.784	32.6991	26.083	26.092	30.757	35.318	39.776	44.135	192.8	0.00	1458.5
2	2.784	2.784	32.6986	26.082	26.092	30.757	35.318	39.775	44.135	192.9	0.39	1458.6
4	2.785	2.784	32.6986	26.082	26.091	30.757	35.318	39.775	44.135	192.9	0.77	1458.6
6	2.770	2.769	32.7010	26.085	26.095	30.761	35.322	39.779	44.139	192.6	1.16	1458.6
8	2.541	2.540	32.7403	26.136	26.145	30.817	35.383	39.846	44.211	187.9	1.54	1457.7
10	2.316	2.316	32.7865	26.191	26.199	30.877	35.449	39.917	44.287	182.7	1.92	1456.8
12	2.229	2.228	32.8171	26.222	26.231	30.911	35.485	39.955	44.326	179.7	2.28	1456.5
14	2.206	2.205	32.8359	26.239	26.247	30.928	35.502	39.973	44.345	178.1	2.64	1456.4
16	1.975	1.974	32.8635	26.279	26.287	30.974	35.554	40.030	44.407	174.4	3.00	1455.5
18	1.863	1.862	32.8771	26.298	26.306	30.996	35.579	40.057	44.437	172.6	3.35	1455.0
20	1.805	1.804	32.8607	26.289	26.297	30.989	35.573	40.053	44.434	173.4	3.69	1454.8
22	1.798	1.797	32.8562	26.286	26.294	30.986	35.571	40.051	44.432	173.7	4.04	1454.8
24	1.759	1.758	32.8540	26.287	26.295	30.988	35.574	40.055	44.437	173.6	4.39	1454.7
26	1.743	1.741	32.8591	26.292	26.300	30.993	35.580	40.061	44.444	173.1	4.73	1454.6
28	1.742	1.741	32.8578	26.291	26.299	30.993	35.579	40.060	44.443	173.2	5.08	1454.6
30	1.743	1.742	32.8564	26.290	26.298	30.991	35.578	40.059	44.441	173.4	5.43	1454.7
35	1.718	1.717	32.8543	26.290	26.298	30.992	35.579	40.061	44.444	173.3	6.29	1454.7
40	1.701	1.699	32.8540	26.291	26.299	30.994	35.581	40.064	44.447	173.3	7.16	1454.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 77

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
77	145	16	8	1988	0834	65	55.9 N	169	20.9 W	45	2.2	1006.5	6.0	353

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	1.939	1.939	32.4765	25.972	25.980	30.671	35.255	39.735	44.116	203.5	0.00	1454.5
2	1.940	1.940	32.4757	25.972	25.979	30.671	35.255	39.734	44.115	203.5	0.41	1454.6
4	1.940	1.940	32.4758	25.972	25.979	30.671	35.255	39.734	44.115	203.5	0.81	1454.6
6	1.941	1.941	32.4754	25.971	25.979	30.670	35.254	39.734	44.114	203.6	1.22	1454.6
8	1.943	1.942	32.4750	25.971	25.979	30.670	35.254	39.733	44.114	203.6	1.63	1454.7
10	1.920	1.919	32.4973	25.990	25.998	30.690	35.274	39.754	44.135	201.8	2.04	1454.6
12	1.896	1.895	32.5342	26.022	26.029	30.721	35.306	39.786	44.168	198.8	2.44	1454.6
14	1.881	1.880	32.5536	26.038	26.046	30.738	35.323	39.804	44.185	197.2	2.84	1454.6
16	1.863	1.862	32.5501	26.037	26.044	30.737	35.323	39.804	44.185	197.4	3.23	1454.6
18	1.858	1.857	32.5477	26.035	26.043	30.736	35.321	39.803	44.184	197.5	3.63	1454.6
20	1.836	1.835	32.5514	26.040	26.047	30.741	35.327	39.809	44.191	197.1	4.02	1454.5
22	1.824	1.823	32.5484	26.038	26.046	30.740	35.326	39.808	44.191	197.3	4.42	1454.5
24	1.825	1.824	32.5473	26.037	26.045	30.739	35.325	39.807	44.190	197.4	4.81	1454.5
26	1.819	1.818	32.5473	26.038	26.045	30.739	35.326	39.808	44.191	197.3	5.20	1454.5
28	1.817	1.815	32.5432	26.035	26.042	30.736	35.323	39.805	44.188	197.6	5.60	1454.5
30	1.819	1.817	32.5490	26.039	26.047	30.741	35.327	39.809	44.192	197.2	5.99	1454.6
35	1.812	1.810	32.5493	26.040	26.047	30.742	35.328	39.810	44.194	197.1	6.98	1454.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 78

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
78	146	16	8	1988	1019	65	50.2 N	169	10.0 W	43	2.2	1006.5	6.0	353

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.955	2.955	32.2389	25.702	25.711	30.375	34.936	39.393	43.751	229.0	0.00	1458.7
2	2.644	2.644	32.3247	25.796	25.805	30.478	35.045	39.508	43.874	220.1	0.45	1457.5
4	2.365	2.365	32.3077	25.805	25.813	30.494	35.069	39.539	43.911	219.3	0.89	1456.3
6	3.008	3.008	32.1806	25.651	25.660	30.324	34.883	39.339	43.697	233.9	1.33	1458.9
8	2.764	2.763	32.2545	25.730	25.739	30.409	34.974	39.435	43.798	226.4	1.80	1458.0
10	2.332	2.331	32.2833	25.788	25.797	30.478	35.054	39.525	43.898	220.9	2.25	1456.2
12	2.346	2.346	32.2778	25.783	25.791	30.473	35.048	39.519	43.891	221.4	2.69	1456.3
14	2.329	2.328	32.2777	25.784	25.792	30.474	35.050	39.521	43.894	221.4	3.13	1456.2
16	2.290	2.289	32.2776	25.787	25.795	30.478	35.055	39.527	43.901	221.1	3.58	1456.1
18	2.178	2.177	32.2937	25.809	25.817	30.503	35.082	39.557	43.934	219.0	4.02	1455.6
20	2.080	2.079	32.2935	25.816	25.824	30.512	35.094	39.572	43.950	218.4	4.46	1455.2
22	1.910	1.909	32.3068	25.839	25.847	30.540	35.126	39.608	43.990	216.2	4.89	1454.5
24	1.780	1.779	32.3123	25.853	25.860	30.557	35.147	39.632	44.017	214.9	5.32	1454.0
26	1.695	1.694	32.3155	25.861	25.868	30.568	35.160	39.647	44.034	214.1	5.75	1453.7
28	1.683	1.682	32.3021	25.851	25.859	30.559	35.151	39.638	44.026	215.0	6.18	1453.6
30	1.578	1.577	32.3252	25.877	25.884	30.587	35.182	39.671	44.062	212.6	6.61	1453.2
35	1.580	1.578	32.3217	25.874	25.881	30.584	35.179	39.669	44.059	212.9	7.68	1453.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 79

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
79	147	16	8	1988	1310	65	42.2 N	168	40.5 W	47	3.0	1007.1	4.9	360

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.419	6.419	31.1284	24.455	24.471	29.052	33.540	37.928	42.221	347.0	0.00	1471.7
2	6.415	6.415	31.1409	24.465	24.481	29.064	33.551	37.938	42.232	346.1	0.69	1471.7
4	6.409	6.409	31.1483	24.472	24.488	29.070	33.557	37.945	42.239	345.5	1.39	1471.7
6	6.394	6.393	31.1527	24.477	24.493	29.076	33.563	37.951	42.245	345.0	2.08	1471.7
8	6.373	6.372	31.1585	24.484	24.500	29.084	33.571	37.960	42.254	344.3	2.77	1471.6
10	6.186	6.185	31.2030	24.542	24.558	29.146	33.637	38.029	42.327	338.8	3.45	1471.0
12	6.009	6.008	31.2550	24.605	24.621	29.212	33.707	38.103	42.404	332.9	4.13	1470.4
14	6.021	6.020	31.3433	24.673	24.689	29.279	33.773	38.168	42.468	326.5	4.80	1470.6
16	5.861	5.860	31.4321	24.762	24.778	29.371	33.869	38.266	42.569	318.0	5.45	1470.1
18	5.797	5.796	31.4591	24.791	24.806	29.402	33.900	38.298	42.602	315.3	6.09	1469.9
20	5.562	5.560	31.4347	24.800	24.814	29.416	33.920	38.323	42.632	314.5	6.72	1468.9
22	5.390	5.388	31.4655	24.844	24.858	29.464	33.971	38.379	42.691	310.4	7.35	1468.3
24	5.190	5.188	31.4459	24.851	24.865	29.476	33.988	38.400	42.716	309.7	7.97	1467.5
26	5.176	5.174	31.4382	24.847	24.860	29.472	33.984	38.396	42.713	310.2	8.59	1467.4
28	5.164	5.162	31.4357	24.846	24.860	29.472	33.984	38.397	42.714	310.2	9.21	1467.4
30	5.161	5.159	31.4352	24.846	24.860	29.471	33.984	38.397	42.714	310.3	9.83	1467.4
35	5.148	5.146	31.4322	24.845	24.859	29.471	33.984	38.397	42.714	310.4	11.38	1467.4
40	5.052	5.049	31.4352	24.858	24.872	29.486	34.002	38.416	42.736	309.2	12.93	1467.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 80

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
80	148	16	8	1988	1455	65	40.0 N	168	30.0 W	50	4.0	1006.7	5.9	333

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.839	7.839	30.7377	23.959	23.978	28.527	32.988	37.350	41.619	394.0	0.00	1476.8
2	7.839	7.838	30.8467	24.044	24.064	28.613	33.072	37.433	41.701	385.9	0.77	1476.9
4	7.859	7.859	30.8367	24.033	24.053	28.602	33.060	37.421	41.689	386.9	1.54	1477.0
6	7.854	7.854	30.8392	24.036	24.056	28.605	33.063	37.424	41.692	386.7	2.32	1477.0
8	7.857	7.856	30.8398	24.036	24.056	28.605	33.063	37.424	41.692	386.7	3.09	1477.1
10	7.859	7.858	30.8404	24.036	24.056	28.605	33.063	37.424	41.692	386.7	3.86	1477.1
12	7.804	7.803	30.8533	24.054	24.074	28.624	33.083	37.445	41.714	385.1	4.64	1477.0
14	7.713	7.711	30.8732	24.083	24.102	28.654	33.115	37.478	41.749	382.4	5.41	1476.7
16	7.661	7.659	30.8715	24.089	24.108	28.661	33.123	37.488	41.759	381.9	6.17	1476.5
18	7.352	7.350	30.9311	24.178	24.196	28.757	33.225	37.595	41.872	373.5	6.94	1475.4
20	7.260	7.258	30.9627	24.215	24.233	28.796	33.266	37.638	41.916	369.9	7.68	1475.1
22	7.162	7.160	30.9925	24.252	24.270	28.834	33.306	37.680	41.960	366.5	8.42	1474.8
24	7.109	7.107	31.0104	24.273	24.291	28.857	33.329	37.704	41.985	364.5	9.16	1474.6
26	7.069	7.067	31.0281	24.292	24.310	28.877	33.350	37.725	42.007	362.7	9.88	1474.5
28	6.966	6.963	31.0780	24.345	24.362	28.931	33.407	37.783	42.067	357.7	10.61	1474.2
30	6.902	6.899	31.1066	24.376	24.393	28.963	33.440	37.818	42.102	354.8	11.33	1474.0
35	6.513	6.510	31.2324	24.525	24.542	29.120	33.604	37.989	42.281	340.7	13.10	1472.7
40	6.275	6.272	31.2491	24.568	24.584	29.169	33.658	38.048	42.343	336.7	14.80	1471.9
45	6.272	6.269	31.2461	24.566	24.582	29.167	33.656	38.046	42.342	337.0	16.49	1472.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 81

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
81	149	16	8	1988	1651	65	38.0 N	168	21.0 W	45	4.0	1006.7	5.9	333

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYHHT	SVEL
2	9.770	9.770	30.5220	23.498	23.522	28.029	32.452	36.778	41.013	437.6	0.88	1483.9
4	9.774	9.774	30.5288	23.503	23.527	28.034	32.456	36.782	41.018	437.2	1.75	1483.9
6	9.774	9.774	30.5297	23.503	23.528	28.035	32.457	36.783	41.018	437.1	2.62	1483.9
8	9.510	9.509	30.6566	23.645	23.668	28.180	32.607	36.937	41.176	423.7	3.50	1483.2
10	9.131	9.130	30.6760	23.719	23.742	28.262	32.696	37.033	41.279	416.7	4.35	1481.8
12	8.963	8.962	30.6421	23.719	23.741	28.265	32.703	37.043	41.292	416.8	5.18	1481.1
14	8.902	8.901	30.6329	23.721	23.743	28.269	32.708	37.049	41.299	416.7	6.01	1480.9
16	8.826	8.825	30.6444	23.741	23.763	28.291	32.731	37.074	41.325	414.8	6.85	1480.7
18	8.746	8.744	30.6619	23.767	23.789	28.318	32.760	37.104	41.357	412.4	7.68	1480.4
20	8.674	8.672	30.6670	23.782	23.804	28.335	32.777	37.123	41.377	411.0	8.50	1480.2
22	8.613	8.611	30.6747	23.797	23.819	28.351	32.795	37.142	41.397	409.6	9.32	1480.0
24	8.539	8.536	30.6879	23.819	23.840	28.374	32.819	37.168	41.424	407.6	10.14	1479.8
26	8.469	8.466	30.7007	23.839	23.860	28.396	32.842	37.192	41.449	405.7	10.96	1479.6
28	8.453	8.450	30.7026	23.843	23.864	28.400	32.847	37.197	41.454	405.3	11.77	1479.5
30	8.399	8.396	30.7122	23.858	23.879	28.416	32.864	37.215	41.474	403.9	12.58	1479.4
35	8.257	8.254	30.7508	23.909	23.930	28.470	32.921	37.274	41.535	399.1	14.60	1479.0
40	8.058	8.054	30.8115	23.985	24.006	28.550	33.004	37.361	41.626	392.0	16.59	1478.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 82

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
82	150	19	8	1988	1650	65	38.3 N	168	20.0 W	44	6.8	1004.0	13.0	10

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.990	9.990	30.3441	23.324	23.349	27.850	32.272	36.595	40.828	454.1	0.00	1484.4
2	9.990	9.990	30.3493	23.328	23.353	27.856	32.275	36.599	40.832	453.8	0.91	1484.4
4	9.993	9.992	30.3783	23.350	23.375	27.878	32.297	36.620	40.853	451.7	1.82	1484.5
6	9.992	9.992	30.4323	23.392	23.417	27.920	32.338	36.661	40.893	447.7	2.72	1484.6
8	9.993	9.992	30.4409	23.399	23.423	27.926	32.345	36.668	40.900	447.1	3.61	1484.7
10	9.993	9.992	30.4457	23.402	23.427	27.930	32.348	36.671	40.903	446.8	4.51	1484.7
12	9.993	9.992	30.4463	23.403	23.428	27.930	32.349	36.672	40.904	446.8	5.40	1484.7
14	9.993	9.992	30.4476	23.404	23.429	27.931	32.350	36.673	40.905	446.7	6.30	1484.8
16	9.991	9.989	30.4543	23.410	23.434	27.937	32.356	36.678	40.910	446.2	7.19	1484.8
18	9.982	9.980	30.4578	23.414	23.438	27.941	32.360	36.683	40.915	445.8	8.08	1484.8
20	9.932	9.930	30.4740	23.434	23.459	27.963	32.382	36.706	40.939	443.9	8.97	1484.7
22	9.795	9.792	30.5035	23.480	23.504	28.011	32.433	36.759	40.994	439.6	9.86	1484.2
24	9.373	9.371	30.5705	23.599	23.623	28.138	32.568	36.901	41.143	428.3	10.74	1482.8
26	8.902	8.900	30.6396	23.726	23.748	28.274	32.713	37.054	41.304	416.4	11.60	1481.1
28	8.728	8.725	30.6695	23.776	23.798	28.327	32.769	37.114	41.367	411.7	12.43	1480.5
30	8.660	8.657	30.6868	23.800	23.821	28.353	32.795	37.142	41.396	409.4	13.25	1480.3
35	8.290	8.286	30.7481	23.902	23.923	28.462	32.912	37.265	41.525	399.8	15.30	1479.1
40	7.253	7.249	30.9626	24.216	24.234	28.797	33.267	37.639	41.917	370.1	17.30	1475.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 83

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
83	151	19	8	1988	1850	65	40.3 N	168	29.9 W	49	7.8	1005.0	8.3	15

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	10.077	10.077	30.2826	23.262	23.287	27.787	32.207	36.529	40.761	460.0	0.00	1484.6
2	10.077	10.077	30.2831	23.262	23.287	27.789	32.207	36.530	40.761	460.0	0.92	1484.7
4	10.078	10.078	30.2964	23.273	23.297	27.799	32.217	36.540	40.771	459.1	1.84	1484.7
6	10.078	10.078	30.3125	23.285	23.310	27.812	32.230	36.551	40.783	457.9	2.76	1484.8
8	10.078	10.077	30.3156	23.287	23.312	27.814	32.232	36.554	40.785	457.7	3.67	1484.8
10	10.079	10.078	30.3170	23.288	23.313	27.815	32.233	36.555	40.786	457.6	4.59	1484.9
12	10.079	10.077	30.3178	23.289	23.314	27.816	32.233	36.555	40.787	457.6	5.50	1484.9
14	10.079	10.077	30.3186	23.290	23.315	27.816	32.234	36.556	40.787	457.6	6.42	1484.9
16	10.079	10.077	30.3189	23.290	23.315	27.817	32.234	36.556	40.788	457.6	7.33	1485.0
18	10.079	10.077	30.3188	23.290	23.315	27.816	32.234	36.556	40.788	457.7	8.25	1485.0
20	10.079	10.076	30.3190	23.290	23.315	27.817	32.234	36.556	40.788	457.7	9.16	1485.0
22	10.047	10.045	30.2917	23.274	23.299	27.801	32.220	36.543	40.775	459.2	10.08	1484.9
24	7.367	7.364	31.0214	24.247	24.265	28.825	33.292	37.661	41.937	367.0	11.00	1475.7
26	7.281	7.279	30.9945	24.237	24.256	28.817	33.287	37.658	41.935	367.9	11.73	1475.3
28	7.192	7.189	30.9993	24.253	24.271	28.835	33.306	37.679	41.958	366.4	12.47	1475.0
30	7.086	7.083	31.0297	24.291	24.309	28.875	33.348	37.723	42.004	362.9	13.20	1474.7
35	6.952	6.949	31.1075	24.370	24.387	28.956	33.432	37.809	42.092	355.4	15.02	1474.3
40	5.843	5.840	31.3568	24.705	24.721	29.315	33.813	38.212	42.515	323.7	16.79	1470.3
45	3.692	3.689	32.0570	25.490	25.501	30.147	34.690	39.131	43.475	249.2	18.41	1462.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 84

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
84	152	19	8	1988	2346	65	42.7 N	168	41.0 W	47	6.3	1005.2	11.1	338

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.422	9.422	30.3808	23.444	23.467	27.981	32.413	36.747	40.989	442.8	0.00	1482.3
2	9.415	9.414	30.3815	23.446	23.469	27.985	32.415	36.749	40.992	442.7	0.89	1482.3
4	9.419	9.419	30.3891	23.451	23.474	27.990	32.420	36.754	40.996	442.2	1.77	1482.4
6	9.416	9.416	30.3869	23.449	23.473	27.989	32.419	36.753	40.995	442.4	2.66	1482.4
8	9.392	9.391	30.3931	23.458	23.481	27.998	32.429	36.763	41.005	441.6	3.54	1482.4
10	9.286	9.285	30.4176	23.494	23.517	28.036	32.468	36.804	41.049	438.2	4.42	1482.0
12	8.960	8.958	30.4828	23.595	23.617	28.143	32.581	36.923	41.173	428.7	5.30	1480.9
14	8.391	8.390	30.6162	23.784	23.805	28.343	32.792	37.144	41.403	410.7	6.16	1479.0
16	7.992	7.990	30.7058	23.912	23.932	28.479	32.936	37.294	41.561	398.6	6.98	1477.6
18	7.792	7.790	30.7386	23.966	23.986	28.537	32.997	37.360	41.630	393.5	7.78	1476.9
20	7.706	7.704	30.7441	23.983	24.002	28.555	33.017	37.382	41.653	392.0	8.56	1476.6
22	7.635	7.633	30.7647	24.009	24.028	28.583	33.046	37.411	41.684	389.6	9.35	1476.4
24	7.451	7.449	30.8237	24.080	24.099	28.658	33.125	37.493	41.769	382.8	10.13	1475.7
26	5.590	5.588	31.4131	24.779	24.794	29.395	33.898	38.302	42.610	316.5	10.89	1469.1
28	4.173	4.172	31.8518	25.280	25.292	29.927	34.460	38.891	43.226	269.0	11.53	1463.8
30	2.755	2.753	32.2827	25.753	25.763	30.432	34.997	39.459	43.822	224.2	12.06	1458.3
35	2.635	2.633	32.2691	25.753	25.762	30.435	35.003	39.467	43.833	224.3	13.18	1457.9
40	2.533	2.530	32.2762	25.767	25.775	30.452	35.022	39.488	43.857	223.0	14.31	1457.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 85

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
85	153	20	8	1988	0230	65	50.0 N	169	10.0 W	43	4.0	1005.4	10.7	335

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.493	4.493	31.7899	25.198	25.211	29.837	34.363	38.788	43.117	276.6	0.00	1464.6
2	4.494	4.494	31.7922	25.200	25.213	29.839	34.365	38.790	43.118	276.4	0.55	1464.7
4	4.494	4.494	31.7897	25.198	25.211	29.837	34.363	38.788	43.116	276.7	1.11	1464.7
6	4.497	4.496	31.7889	25.197	25.210	29.836	34.362	38.787	43.115	276.8	1.66	1464.7
8	4.507	4.507	31.7878	25.195	25.208	29.834	34.360	38.784	43.112	277.0	2.21	1464.8
10	4.354	4.353	31.8298	25.244	25.257	29.886	34.415	38.843	43.174	272.3	2.77	1464.3
12	3.781	3.780	32.0025	25.438	25.449	30.093	34.635	39.074	43.416	254.0	3.31	1462.1
14	3.540	3.539	32.0609	25.507	25.518	30.168	34.715	39.159	43.507	247.4	3.82	1461.2
16	2.917	2.916	32.1993	25.673	25.683	30.349	34.910	39.368	43.728	231.8	4.31	1458.7
18	2.367	2.366	32.3872	25.868	25.877	30.557	35.130	39.600	43.972	213.3	4.78	1456.6
20	2.277	2.276	32.4106	25.894	25.902	30.585	35.160	39.632	44.006	210.9	5.20	1456.3
22	2.216	2.214	32.4252	25.911	25.919	30.603	35.180	39.653	44.028	209.3	5.63	1456.1
24	2.176	2.175	32.4403	25.926	25.934	30.619	35.197	39.671	44.046	207.9	6.04	1455.9
26	2.127	2.126	32.4679	25.951	25.959	30.645	35.225	39.700	44.076	205.5	6.46	1455.8
28	2.117	2.115	32.4757	25.958	25.966	30.653	35.232	39.707	44.084	204.8	6.87	1455.8
30	2.034	2.032	32.6205	26.080	26.088	30.776	35.356	39.832	44.210	193.3	7.28	1455.6
35	1.975	1.973	32.7026	26.150	26.158	30.847	35.428	39.905	44.283	186.6	8.25	1455.6
40	1.973	1.971	32.7050	26.152	26.160	30.849	35.430	39.907	44.285	186.4	9.18	1455.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 86

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
86	154	20	8	1988	0426	65	56.3 N	169	22.9 W	47	4.0	1005.4	10.7	335

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	3.290	3.290	30.9414	24.641	24.651	29.316	33.878	38.337	42.698	329.9	0.00	1458.4
2	3.255	3.255	31.0172	24.704	24.714	29.380	33.942	38.401	42.762	323.9	0.65	1458.3
4	3.204	3.204	31.1313	24.799	24.809	29.476	34.038	38.497	42.859	314.9	1.30	1458.3
6	3.167	3.167	31.2051	24.861	24.871	29.538	34.101	38.560	42.922	309.0	1.93	1458.3
8	3.146	3.146	31.2414	24.892	24.901	29.569	34.132	38.591	42.953	306.1	2.55	1458.3
10	3.100	3.100	31.3215	24.959	24.969	29.637	34.201	38.661	43.023	299.7	3.16	1458.2
12	2.843	2.842	31.7919	25.355	25.364	30.036	34.602	39.065	43.430	262.0	3.76	1457.8
14	2.820	2.819	31.8268	25.385	25.394	30.066	34.633	39.096	43.461	259.2	4.28	1457.7
16	2.654	2.653	32.0935	25.611	25.620	30.294	34.863	39.328	43.695	237.7	4.80	1457.4
18	2.460	2.459	32.3807	25.856	25.864	30.542	35.113	39.581	43.950	214.5	5.28	1457.0
20	2.323	2.322	32.5554	26.006	26.014	30.694	35.268	39.737	44.108	200.3	5.71	1456.7
22	2.261	2.260	32.6205	26.063	26.071	30.752	35.327	39.797	44.169	194.9	6.11	1456.5
24	2.203	2.202	32.6749	26.111	26.119	30.801	35.377	39.848	44.221	190.3	6.50	1456.4
26	2.176	2.175	32.6999	26.133	26.141	30.824	35.400	39.872	44.245	188.3	6.88	1456.3
28	2.163	2.162	32.7103	26.142	26.150	30.833	35.410	39.882	44.256	187.4	7.25	1456.3
30	2.152	2.150	32.7219	26.152	26.160	30.843	35.420	39.893	44.267	186.4	7.63	1456.3
35	2.020	2.018	32.7881	26.215	26.223	30.910	35.489	39.964	44.341	180.5	8.56	1455.9
40	1.851	1.849	32.8552	26.281	26.289	30.980	35.563	40.042	44.422	174.2	9.46	1455.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 87

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
87	155	20	8	1988	1059	65	24.5 N	170	21.5 W	34	3.2	1005.5	7.1	22

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.200	2.200	32.9004	26.291	26.299	30.979	35.553	40.024	44.395	173.2	0.00	1456.3
2	2.198	2.197	32.8810	26.276	26.284	30.964	35.539	40.009	44.381	174.6	0.35	1456.3
4	2.194	2.194	32.8556	26.256	26.264	30.945	35.519	39.990	44.362	176.5	0.70	1456.2
6	2.198	2.198	32.8541	26.254	26.262	30.943	35.518	39.988	44.360	176.7	1.05	1456.3
8	2.215	2.214	32.8541	26.253	26.261	30.941	35.516	39.985	44.357	176.8	1.40	1456.4
10	2.223	2.223	32.8552	26.253	26.261	30.941	35.515	39.985	44.356	176.8	1.76	1456.5
12	2.227	2.226	32.8558	26.253	26.262	30.942	35.515	39.985	44.356	176.8	2.11	1456.5
14	2.222	2.221	32.8574	26.255	26.263	30.943	35.517	39.987	44.358	176.6	2.46	1456.5
16	2.210	2.209	32.8545	26.254	26.262	30.942	35.516	39.986	44.358	176.8	2.82	1456.5
18	2.197	2.196	32.8612	26.260	26.268	30.949	35.523	39.994	44.366	176.2	3.17	1456.5
20	2.120	2.119	32.8489	26.256	26.264	30.947	35.524	39.996	44.370	176.5	3.52	1456.2
22	2.142	2.141	32.8515	26.256	26.265	30.947	35.523	39.995	44.368	176.5	3.88	1456.3
24	2.134	2.132	32.8502	26.256	26.264	30.947	35.523	39.995	44.368	176.5	4.23	1456.3
26	2.128	2.127	32.8498	26.256	26.264	30.947	35.523	39.996	44.369	176.5	4.58	1456.3
28	2.104	2.102	32.8477	26.256	26.265	30.948	35.525	39.998	44.372	176.5	4.93	1456.2
30	2.102	2.100	32.8458	26.255	26.263	30.947	35.524	39.996	44.371	176.7	5.29	1456.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 88

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
88	156	20	8	1988	1302	65	21.6 N	169	59.3 W	39	3.2	1005.5	7.1	22

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.692	5.692	31.3443	24.713	24.728	29.326	33.829	38.230	42.537	322.6	0.00	1469.0
2	5.694	5.694	31.3552	24.722	24.736	29.335	33.837	38.238	42.545	321.8	0.65	1469.0
4	5.697	5.696	31.3793	24.740	24.755	29.354	33.855	38.256	42.562	320.0	1.29	1469.1
6	5.697	5.696	31.3795	24.740	24.755	29.354	33.855	38.256	42.563	320.0	1.93	1469.2
8	5.691	5.690	31.3865	24.747	24.761	29.360	33.861	38.263	42.569	319.5	2.57	1469.2
10	5.696	5.696	31.3777	24.739	24.754	29.352	33.854	38.255	42.561	320.2	3.21	1469.2
12	5.670	5.669	31.4031	24.762	24.777	29.376	33.878	38.279	42.586	318.0	3.85	1469.2
14	5.613	5.612	31.4389	24.797	24.812	29.412	33.915	38.317	42.625	314.7	4.48	1469.0
16	5.200	5.199	31.7718	25.107	25.121	29.729	34.239	38.648	42.962	285.3	5.11	1467.8
18	4.767	4.765	31.9575	25.302	25.315	29.933	34.451	38.869	43.190	266.9	5.68	1466.3
20	4.013	4.012	32.1837	25.559	25.571	30.207	34.742	39.174	43.510	242.5	6.22	1463.5
22	3.754	3.752	32.2360	25.626	25.637	30.280	34.820	39.259	43.600	236.2	6.70	1462.5
24	3.589	3.588	32.2634	25.664	25.675	30.321	34.866	39.307	43.652	232.7	7.18	1461.8
26	3.379	3.377	32.3231	25.731	25.741	30.393	34.942	39.388	43.737	226.3	7.64	1461.0
28	3.238	3.236	32.3592	25.772	25.782	30.438	34.990	39.439	43.791	222.4	8.09	1460.5
30	2.602	2.600	32.5614	25.988	25.997	30.669	35.236	39.698	44.063	201.9	8.54	1458.1
35	1.632	1.631	32.8202	26.269	26.276	30.974	35.563	40.048	44.433	175.4	9.55	1454.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 89

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
89	157	20	8	1988	1847	65	14.4 N	169	21.4 W	45	4.8	1005.1	8.8	34

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.114	6.114	31.6652	24.915	24.931	29.515	34.006	38.396	42.693	303.3	0.00	1471.1
2	6.112	6.112	31.6659	24.916	24.932	29.517	34.007	38.397	42.694	303.2	0.61	1471.2
4	6.102	6.102	31.6838	24.931	24.947	29.533	34.023	38.413	42.709	301.8	1.21	1471.2
6	6.107	6.107	31.6854	24.932	24.948	29.533	34.023	38.413	42.709	301.7	1.82	1471.2
8	6.092	6.092	31.6928	24.939	24.955	29.541	34.031	38.422	42.718	301.0	2.42	1471.2
10	6.093	6.092	31.6928	24.939	24.955	29.541	34.031	38.422	42.718	301.1	3.02	1471.2
12	6.091	6.090	31.6929	24.940	24.955	29.542	34.032	38.422	42.719	301.0	3.62	1471.3
14	6.079	6.078	31.7003	24.947	24.963	29.549	34.039	38.430	42.727	300.4	4.23	1471.3
16	4.965	4.964	31.9293	25.258	25.271	29.884	34.398	38.811	43.129	271.0	4.83	1467.0
18	2.965	2.964	32.1697	25.646	25.655	30.320	34.880	39.337	43.697	234.4	5.37	1458.9
20	2.310	2.309	32.2806	25.788	25.796	30.478	35.055	39.526	43.900	221.0	5.84	1456.2
22	2.142	2.141	32.2738	25.795	25.803	30.491	35.071	39.547	43.924	220.3	6.28	1455.5
24	1.922	1.921	32.2948	25.828	25.836	30.529	35.115	39.597	43.979	217.2	6.72	1454.6
26	1.773	1.772	32.3078	25.850	25.857	30.554	35.144	39.629	44.015	215.2	7.15	1454.0
28	1.714	1.712	32.3075	25.854	25.861	30.560	35.151	39.638	44.025	214.8	7.58	1453.8
30	1.682	1.681	32.3013	25.851	25.858	30.558	35.150	39.638	44.025	215.1	8.01	1453.7
35	1.636	1.635	32.3114	25.862	25.869	30.571	35.164	39.652	44.041	214.0	9.09	1453.5
40	1.687	1.685	32.4005	25.930	25.937	30.636	35.227	39.714	44.101	207.6	10.16	1454.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 90

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
90	158	21	8	1988	0150	65	10.5 N	168	39.5 W	47	5.3	1004.7	7.6	353

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.850	7.850	30.7406	23.960	23.979	28.528	32.988	37.350	41.618	394.0	0.00	1476.8
2	7.844	7.844	30.7466	23.965	23.984	28.535	32.994	37.355	41.624	393.5	0.79	1476.8
4	7.837	7.837	30.7428	23.963	23.983	28.533	32.992	37.354	41.623	393.7	1.57	1476.8
6	7.855	7.855	30.7311	23.951	23.971	28.521	32.980	37.341	41.610	394.8	2.36	1476.9
8	7.467	7.466	30.9549	24.181	24.199	28.757	33.223	37.590	41.865	373.0	3.15	1475.7
10	6.834	6.833	31.2911	24.529	24.547	29.117	33.594	37.972	42.256	339.9	3.90	1473.7
12	6.781	6.780	31.3179	24.557	24.575	29.146	33.624	38.003	42.288	337.3	4.58	1473.5
14	6.724	6.723	31.3565	24.595	24.612	29.185	33.664	38.043	42.329	333.8	5.25	1473.4
16	5.067	5.066	32.0629	25.352	25.366	29.975	34.486	38.895	43.210	262.0	5.92	1467.6
18	4.919	4.918	32.0379	25.349	25.362	29.976	34.490	38.903	43.221	262.4	6.44	1467.0
20	4.755	4.754	32.0170	25.350	25.363	29.981	34.499	38.916	43.238	262.3	6.97	1466.3
22	4.095	4.094	32.0430	25.440	25.451	30.086	34.620	39.052	43.387	253.9	7.49	1463.6
24	2.067	2.066	32.3150	25.834	25.842	30.531	35.113	39.590	43.969	216.7	8.00	1455.3
26	1.929	1.927	32.3200	25.848	25.856	30.549	35.134	39.615	43.997	215.3	8.43	1454.7
28	1.816	1.814	32.3146	25.852	25.859	30.556	35.144	39.628	44.013	215.0	8.86	1454.2
30	1.635	1.634	32.3140	25.864	25.871	30.573	35.166	39.654	44.043	213.8	9.29	1453.5
35	1.485	1.483	32.3051	25.867	25.874	30.580	35.177	39.669	44.062	213.5	10.36	1452.9
40	1.393	1.391	32.3022	25.871	25.878	30.586	35.186	39.681	44.075	213.2	11.43	1452.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 91

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
91	159	21	8	1988	0352	65	14.6 N	167	59.0 W	33	9.1	1004.0	9.2	120

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	10.128	10.128	30.1037	23.115	23.139	27.640	32.060	36.383	40.614	474.1	0.00	1484.6
2	10.133	10.133	30.1144	23.122	23.147	27.649	32.067	36.390	40.621	473.4	0.95	1484.7
4	10.136	10.135	30.1177	23.124	23.149	27.651	32.069	36.391	40.623	473.2	1.89	1484.7
6	10.152	10.152	30.1285	23.130	23.155	27.656	32.074	36.396	40.627	472.7	2.84	1484.8
8	10.180	10.179	30.1348	23.130	23.155	27.656	32.073	36.395	40.625	472.7	3.79	1485.0
10	10.177	10.176	30.1403	23.135	23.160	27.661	32.078	36.399	40.630	472.3	4.73	1485.0
12	10.181	10.179	30.1515	23.143	23.168	27.669	32.086	36.407	40.638	471.6	5.68	1485.1
14	10.179	10.178	30.1513	23.143	23.168	27.669	32.086	36.407	40.638	471.6	6.62	1485.1
16	10.186	10.184	30.1622	23.151	23.176	27.676	32.093	36.414	40.645	470.9	7.56	1485.2
18	10.192	10.190	30.1704	23.156	23.181	27.681	32.098	36.419	40.649	470.4	8.50	1485.2
20	10.194	10.192	30.1727	23.157	23.183	27.683	32.099	36.420	40.650	470.3	9.44	1485.3
22	10.192	10.190	30.1758	23.160	23.185	27.685	32.102	36.423	40.653	470.1	10.38	1485.3
24	10.199	10.196	30.1829	23.165	23.190	27.690	32.106	36.427	40.657	469.7	11.33	1485.4
26	10.200	10.197	30.1793	23.162	23.187	27.687	32.103	36.424	40.654	470.0	12.26	1485.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 92

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
92	160	21	8	1988	0732	64	40.4 N	167	41.6 W	27	9.0	1004.3	2.7	190

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	11.222	11.222	29.7213	22.632	22.660	27.139	31.541	35.847	40.063	519.9	0.00	1488.1
2	11.222	11.221	29.7222	22.633	22.660	27.142	31.542	35.848	40.064	519.9	1.04	1488.1
4	11.220	11.220	29.7290	22.639	22.666	27.147	31.548	35.853	40.069	519.4	2.08	1488.2
6	9.567	9.566	30.1800	23.265	23.288	27.803	32.231	36.563	40.804	460.0	3.12	1482.7
8	6.812	6.811	31.3890	24.609	24.626	29.197	33.673	38.051	42.335	332.3	4.04	1473.7
10	3.731	3.731	31.4930	25.039	25.050	29.699	34.246	38.690	43.037	292.0	4.70	1461.2
12	3.392	3.391	31.4534	25.039	25.049	29.708	34.263	38.715	43.070	292.1	5.29	1459.7
14	3.142	3.142	31.4746	25.078	25.087	29.753	34.314	38.772	43.132	288.4	5.87	1458.7
16	2.925	2.924	31.4933	25.111	25.120	29.792	34.358	38.821	43.186	285.3	6.45	1457.8
18	2.868	2.867	31.4757	25.102	25.111	29.784	34.352	38.817	43.183	286.2	7.02	1457.5
20	2.854	2.853	31.4725	25.100	25.109	29.783	34.351	38.816	43.183	286.3	7.59	1457.5
22	2.823	2.821	31.4649	25.097	25.106	29.781	34.350	38.816	43.183	286.7	8.16	1457.4
24	2.825	2.824	31.4628	25.095	25.104	29.779	34.348	38.814	43.181	286.8	8.74	1457.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 93

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
93	161	21	8	1988	1236	64	45.0 N	168	26.0 W	40	8.0	1005.2	7.8	310

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.753	7.753	31.3836	24.476	24.496	29.042	33.500	37.859	42.125	344.7	0.00	1477.3
2	7.752	7.752	31.3906	24.482	24.501	29.049	33.506	37.864	42.131	344.2	0.69	1477.3
4	7.753	7.752	31.3918	24.483	24.502	29.050	33.506	37.865	42.132	344.1	1.38	1477.3
6	7.752	7.752	31.3920	24.483	24.503	29.050	33.507	37.866	42.132	344.1	2.06	1477.4
8	7.299	7.298	31.5183	24.645	24.664	29.221	33.686	38.054	42.327	328.8	2.75	1475.8
10	6.633	6.632	31.7238	24.895	24.912	29.485	33.963	38.342	42.627	305.1	3.41	1473.5
12	6.503	6.502	31.7588	24.940	24.956	29.532	34.012	38.394	42.681	301.0	4.02	1473.0
14	6.230	6.229	31.8384	25.037	25.053	29.634	34.120	38.507	42.800	291.8	4.62	1472.1
16	5.861	5.860	31.8894	25.122	25.138	29.728	34.222	38.616	42.916	283.7	5.21	1470.7
18	5.440	5.438	31.9443	25.216	25.230	29.831	34.334	38.736	43.044	274.9	5.77	1469.0
20	4.423	4.422	31.9991	25.371	25.384	30.010	34.536	38.961	43.290	260.3	6.32	1464.9
22	2.816	2.815	32.1713	25.660	25.669	30.338	34.902	39.363	43.725	233.1	6.84	1458.3
24	1.706	1.705	32.3554	25.892	25.900	30.599	35.190	39.676	44.063	211.1	7.31	1453.7
26	1.655	1.653	32.3419	25.885	25.892	30.593	35.185	39.673	44.061	211.8	7.73	1453.5
28	1.636	1.635	32.3328	25.879	25.886	30.587	35.181	39.669	44.058	212.4	8.16	1453.5
30	1.632	1.630	32.3285	25.876	25.883	30.585	35.178	39.666	44.055	212.7	8.58	1453.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 94

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
94	162	21	8	1988	1444	64	51.5 N	169	11.4 W	42	5.0	1006.7	5.7	333

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	4.827	4.827	32.0953	25.404	25.417	30.032	34.549	38.964	43.283	257.0	0.00	1466.4
2	4.820	4.820	32.0825	25.395	25.408	30.024	34.540	38.955	43.275	257.9	0.52	1466.4
4	4.823	4.823	32.0787	25.392	25.405	30.020	34.536	38.952	43.271	258.2	1.03	1466.4
6	4.823	4.823	32.0784	25.391	25.404	30.020	34.536	38.951	43.271	258.2	1.55	1466.5
8	4.812	4.812	32.0806	25.394	25.407	30.023	34.539	38.955	43.275	258.0	2.06	1466.5
10	4.302	4.301	32.1700	25.519	25.531	30.160	34.688	39.114	43.444	246.2	2.58	1464.5
12	4.100	4.100	32.2043	25.567	25.579	30.212	34.745	39.175	43.509	241.7	3.07	1463.7
14	3.806	3.805	32.2589	25.639	25.650	30.292	34.831	39.267	43.607	234.9	3.56	1462.6
16	2.911	2.910	32.2423	25.708	25.718	30.383	34.945	39.402	43.762	228.5	4.03	1458.7
18	2.833	2.832	32.3323	25.786	25.796	30.463	35.025	39.484	43.845	221.1	4.48	1458.6
20	2.574	2.573	32.3682	25.837	25.845	30.520	35.088	39.553	43.920	216.3	4.92	1457.5
22	2.517	2.516	32.4157	25.879	25.888	30.563	35.133	39.599	43.966	212.3	5.36	1457.4
24	2.619	2.618	32.4499	25.898	25.907	30.579	35.146	39.609	43.975	210.5	5.78	1457.9
26	2.496	2.495	32.4495	25.908	25.916	30.592	35.162	39.628	43.996	209.6	6.20	1457.4
28	2.372	2.371	32.4470	25.916	25.924	30.603	35.177	39.646	44.016	208.9	6.62	1456.9
30	1.472	1.471	32.5069	26.030	26.036	30.741	35.337	39.828	44.219	198.1	7.04	1453.0
35	1.036	1.034	32.5411	26.085	26.091	30.808	35.416	39.917	44.319	192.9	8.03	1451.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 95

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
95	163	21	8	1988	1738	64	58.3 N	169	58.6 W	44	3.6	1008.0	5.9	6

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.612	2.612	32.6421	26.052	26.061	30.731	35.297	39.759	44.123	195.8	0.00	1457.7
2	2.580	2.580	32.5956	26.017	26.026	30.698	35.265	39.728	44.093	199.1	0.40	1457.6
4	2.438	2.438	32.6233	26.051	26.060	30.735	35.306	39.772	44.140	195.9	0.80	1457.0
6	2.275	2.275	32.6575	26.091	26.100	30.780	35.354	39.824	44.195	192.1	1.19	1456.4
8	2.274	2.273	32.6561	26.090	26.099	30.779	35.353	39.823	44.194	192.2	1.57	1456.4
10	2.267	2.266	32.6594	26.093	26.102	30.782	35.356	39.827	44.198	191.9	1.96	1456.4
12	2.264	2.263	32.6609	26.095	26.103	30.784	35.358	39.828	44.200	191.8	2.34	1456.4
14	2.253	2.252	32.6644	26.098	26.107	30.788	35.362	39.832	44.204	191.5	2.73	1456.4
16	2.244	2.243	32.6658	26.100	26.109	30.790	35.364	39.835	44.207	191.3	3.11	1456.4
18	2.236	2.235	32.6689	26.103	26.112	30.793	35.368	39.839	44.211	191.0	3.49	1456.4
20	2.224	2.223	32.6724	26.107	26.115	30.797	35.372	39.843	44.216	190.7	3.87	1456.4
22	2.204	2.203	32.6785	26.114	26.122	30.804	35.380	39.851	44.224	190.1	4.25	1456.3
24	2.172	2.170	32.6864	26.122	26.131	30.814	35.390	39.862	44.236	189.3	4.63	1456.2
26	2.106	2.105	32.6986	26.137	26.145	30.830	35.408	39.882	44.257	187.8	5.01	1456.0
28	2.073	2.071	32.7073	26.147	26.155	30.840	35.419	39.894	44.269	187.0	5.39	1455.9
30	2.073	2.071	32.7080	26.147	26.155	30.841	35.419	39.894	44.270	186.9	5.76	1455.9
35	2.070	2.069	32.7095	26.149	26.157	30.842	35.421	39.896	44.271	186.8	6.70	1456.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 96

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
96	164	21	8	1988	1953	65	05.2 N	170	42.7 W	42	3.6	1008.0	5.9	6

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.329	2.329	32.7101	26.129	26.137	30.815	35.388	39.856	44.226	188.5	0.00	1456.6
2	2.155	2.155	32.7983	26.213	26.221	30.904	35.480	39.951	44.325	180.6	0.36	1456.0
4	1.964	1.963	32.7683	26.204	26.211	30.900	35.481	39.958	44.335	181.5	0.72	1455.1
6	1.892	1.892	32.7950	26.230	26.238	30.928	35.511	39.989	44.368	179.0	1.08	1454.9
8	1.829	1.828	32.8011	26.240	26.247	30.939	35.523	40.003	44.384	178.1	1.44	1454.6
10	1.787	1.787	32.7948	26.238	26.245	30.938	35.524	40.005	44.387	178.3	1.79	1454.5
12	1.752	1.751	32.7940	26.240	26.247	30.941	35.528	40.009	44.392	178.1	2.15	1454.3
14	1.691	1.691	32.8012	26.250	26.257	30.953	35.541	40.024	44.408	177.2	2.51	1454.1
16	1.653	1.653	32.8069	26.257	26.264	30.961	35.550	40.034	44.419	176.5	2.86	1454.0
18	1.666	1.665	32.8079	26.257	26.264	30.961	35.549	40.033	44.418	176.5	3.21	1454.1
20	1.673	1.672	32.8101	26.258	26.266	30.962	35.550	40.034	44.418	176.4	3.57	1454.1
22	1.675	1.674	32.8113	26.259	26.266	30.962	35.551	40.034	44.419	176.3	3.92	1454.2
24	1.660	1.659	32.8127	26.261	26.269	30.965	35.554	40.038	44.422	176.1	4.27	1454.2
26	1.646	1.645	32.8127	26.262	26.270	30.966	35.555	40.040	44.425	176.0	4.62	1454.1
28	1.603	1.602	32.8147	26.267	26.274	30.972	35.562	40.048	44.434	175.6	4.98	1454.0
30	1.515	1.513	32.8212	26.278	26.285	30.986	35.578	40.066	44.454	174.5	5.33	1453.6
35	1.448	1.447	32.8224	26.284	26.291	30.993	35.587	40.076	44.466	174.0	6.20	1453.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 97

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
97	165	22	8	1988	0300	64	45.0 N	171	29.6 W	42	3.4	1009.6	3.1	60

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.425	2.425	32.8024	26.195	26.204	30.878	35.447	39.913	44.280	182.2	0.00	1457.1
2	2.336	2.336	32.7503	26.160	26.169	30.847	35.418	39.886	44.256	185.5	0.37	1456.7
4	2.163	2.162	32.7324	26.160	26.168	30.851	35.427	39.899	44.273	185.6	0.74	1455.9
6	2.061	2.061	32.7303	26.166	26.174	30.860	35.439	39.913	44.289	185.1	1.11	1455.5
8	2.016	2.015	32.7327	26.171	26.179	30.866	35.446	39.922	44.299	184.6	1.48	1455.4
10	1.950	1.950	32.7477	26.188	26.196	30.885	35.466	39.944	44.322	183.0	1.85	1455.1
12	1.915	1.914	32.7561	26.197	26.205	30.895	35.477	39.955	44.335	182.1	2.22	1455.0
14	1.786	1.786	32.7847	26.230	26.237	30.930	35.516	39.997	44.379	179.1	2.58	1454.5
16	1.654	1.653	32.8209	26.268	26.275	30.972	35.561	40.045	44.430	175.4	2.94	1454.0
18	1.637	1.636	32.8219	26.270	26.277	30.975	35.564	40.048	44.433	175.2	3.29	1454.0
20	1.606	1.605	32.8285	26.278	26.285	30.983	35.573	40.058	44.444	174.6	3.64	1453.9
22	1.561	1.560	32.8509	26.299	26.306	31.005	35.596	40.082	44.469	172.6	3.99	1453.7
24	1.479	1.478	32.9088	26.351	26.358	31.059	35.651	40.139	44.527	167.6	4.34	1453.5
26	1.453	1.451	32.9266	26.367	26.374	31.075	35.669	40.157	44.546	166.1	4.67	1453.4
28	1.445	1.444	32.9315	26.371	26.378	31.080	35.673	40.162	44.551	165.7	5.00	1453.4
30	1.436	1.435	32.9377	26.377	26.384	31.086	35.679	40.168	44.557	165.2	5.33	1453.4
35	1.428	1.427	32.9417	26.381	26.388	31.090	35.683	40.172	44.561	164.8	6.16	1453.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 98

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
98	166	22	8	1988	0457	64	45.5 N 43.1	170	54.4 W 52.4	44	3.4	1009.6	3.1	60
DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYHHT	SVEL		
0	2.611	2.611	32.5482	25.977	25.986	30.657	35.224	39.687	44.051	202.9	0.00	1457.6		
2	2.518	2.518	32.5143	25.958	25.966	30.641	35.210	39.675	44.042	204.8	0.41	1457.2		
4	2.495	2.494	32.5095	25.956	25.964	30.640	35.209	39.675	44.042	205.0	0.82	1457.1		
6	2.359	2.359	32.5111	25.968	25.976	30.655	35.228	39.697	44.068	203.9	1.23	1456.5		
8	2.305	2.304	32.5124	25.973	25.981	30.662	35.236	39.707	44.079	203.4	1.64	1456.3		
10	2.289	2.289	32.5118	25.974	25.982	30.663	35.238	39.709	44.081	203.3	2.04	1456.3		
12	2.277	2.276	32.5121	25.975	25.983	30.665	35.240	39.711	44.083	203.2	2.45	1456.3		
14	2.267	2.266	32.5144	25.978	25.986	30.668	35.243	39.714	44.087	202.9	2.86	1456.3		
16	2.257	2.256	32.5251	25.987	25.995	30.677	35.253	39.724	44.097	202.1	3.26	1456.3		
18	2.131	2.130	32.5436	26.011	26.020	30.705	35.283	39.758	44.133	199.8	3.67	1455.8		
20	2.037	2.036	32.5970	26.061	26.069	30.757	35.337	39.814	44.191	195.0	4.07	1455.5		
22	1.982	1.981	32.6331	26.094	26.102	30.791	35.372	39.850	44.228	191.9	4.46	1455.3		
24	1.968	1.967	32.6456	26.105	26.113	30.802	35.384	39.862	44.240	190.9	4.84	1455.3		
26	1.927	1.926	32.6917	26.145	26.153	30.843	35.425	39.904	44.283	187.1	5.22	1455.2		
28	1.901	1.900	32.7127	26.164	26.172	30.862	35.445	39.924	44.304	185.3	5.60	1455.2		
30	1.894	1.892	32.7176	26.168	26.176	30.867	35.450	39.929	44.309	184.9	5.97	1455.2		

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 99

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
99	167	22	8	1988	0728	64	32.2 N	170	02.1 W	41	3.2	1009.5	5.2	10

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.454	2.454	32.3296	25.815	25.824	30.501	35.074	39.542	43.912	218.3	0.00	1456.6
2	2.452	2.452	32.3052	25.796	25.805	30.483	35.055	39.523	43.893	220.1	0.44	1456.6
4	2.451	2.451	32.2971	25.790	25.798	30.477	35.049	39.517	43.887	220.8	0.88	1456.6
6	2.445	2.445	32.2954	25.789	25.797	30.476	35.048	39.517	43.887	220.8	1.32	1456.6
8	2.439	2.439	32.2958	25.790	25.798	30.477	35.049	39.518	43.889	220.8	1.76	1456.6
10	2.433	2.433	32.2958	25.790	25.799	30.478	35.050	39.519	43.890	220.7	2.20	1456.6
12	2.449	2.449	32.2946	25.788	25.797	30.475	35.047	39.516	43.886	220.9	2.65	1456.7
14	2.228	2.227	32.2869	25.799	25.807	30.492	35.070	39.544	43.919	219.9	3.09	1455.8
16	2.097	2.097	32.2819	25.805	25.813	30.501	35.083	39.560	43.938	219.4	3.53	1455.2
18	2.082	2.081	32.2828	25.807	25.815	30.504	35.086	39.563	43.942	219.2	3.97	1455.2
20	2.077	2.076	32.2834	25.808	25.816	30.505	35.087	39.564	43.943	219.1	4.41	1455.2
22	2.055	2.054	32.2844	25.810	25.818	30.508	35.090	39.569	43.948	218.9	4.84	1455.1
24	2.054	2.053	32.2861	25.812	25.820	30.509	35.092	39.570	43.949	218.8	5.28	1455.2
26	2.047	2.046	32.2933	25.818	25.826	30.516	35.098	39.577	43.956	218.2	5.72	1455.2
28	2.130	2.128	32.3276	25.839	25.847	30.534	35.115	39.591	43.968	216.2	6.15	1455.6
30	2.135	2.133	32.3432	25.851	25.859	30.546	35.126	39.602	43.979	215.0	6.59	1455.7
35	1.823	1.821	32.4078	25.926	25.933	30.629	35.216	39.699	44.083	207.9	7.66	1454.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 100

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
100	168	22	8	1988	1827	64	22.9 N	169	09.3 W	37	3.4	1010.7	12.0	327

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.309	6.309	31.7147	24.930	24.946	29.525	34.011	38.397	42.689	301.8	0.00	1472.0
2	6.259	6.259	31.7257	24.944	24.961	29.542	34.028	38.415	42.708	300.4	0.60	1471.8
4	6.168	6.167	31.8490	25.053	25.069	29.652	34.139	38.527	42.821	290.1	1.20	1471.7
6	6.218	6.217	31.7936	25.003	25.019	29.601	34.088	38.475	42.768	294.9	1.78	1471.8
8	6.193	6.192	31.8099	25.019	25.035	29.618	34.105	38.492	42.786	293.4	2.37	1471.8
10	6.071	6.070	31.8361	25.055	25.071	29.656	34.145	38.536	42.831	290.1	2.96	1471.3
12	6.045	6.044	31.8409	25.062	25.078	29.664	34.154	38.544	42.840	289.4	3.54	1471.3
14	5.652	5.651	31.9253	25.176	25.191	29.786	34.284	38.683	42.986	278.6	4.12	1469.8
16	5.337	5.336	32.0034	25.274	25.289	29.891	34.396	38.801	43.110	269.3	4.68	1468.7
18	5.207	5.205	32.0276	25.308	25.322	29.928	34.436	38.843	43.155	266.1	5.21	1468.2
20	5.049	5.048	32.0692	25.359	25.373	29.982	34.493	38.904	43.218	261.4	5.75	1467.6
22	4.186	4.185	32.2240	25.574	25.586	30.217	34.747	39.175	43.507	241.1	6.27	1464.3
24	2.759	2.757	32.4964	25.923	25.933	30.601	35.164	39.623	43.985	208.1	6.75	1458.6
26	2.162	2.160	32.5327	26.000	26.009	30.693	35.271	39.745	44.120	200.8	7.17	1456.0
28	1.813	1.811	32.5622	26.050	26.058	30.752	35.338	39.821	44.204	196.1	7.57	1454.6
30	1.790	1.789	32.5410	26.035	26.042	30.737	35.325	39.807	44.191	197.6	7.96	1454.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 101

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
101	169	22	8	1988	2238	64	14.0 N	168	19.0 W	34	3.8	1012.4	12.8	327

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.517	7.517	31.4169	24.536	24.554	29.106	33.569	37.932	42.203	339.1	0.00	1476.4
2	7.518	7.518	31.4105	24.530	24.549	29.102	33.564	37.927	42.198	339.6	0.68	1476.4
4	7.519	7.518	31.4285	24.544	24.563	29.116	33.577	37.941	42.211	338.3	1.36	1476.5
6	7.518	7.517	31.4333	24.548	24.567	29.120	33.581	37.945	42.215	338.0	2.04	1476.5
8	7.518	7.517	31.4441	24.557	24.576	29.129	33.590	37.953	42.223	337.2	2.71	1476.6
10	7.497	7.496	31.4496	24.564	24.583	29.136	33.598	37.961	42.232	336.5	3.39	1476.5
12	7.508	7.507	31.4450	24.559	24.578	29.131	33.592	37.955	42.226	337.0	4.06	1476.6
14	7.402	7.401	31.4702	24.593	24.612	29.167	33.631	37.996	42.268	333.8	4.73	1476.2
16	5.616	5.615	31.9469	25.197	25.212	29.808	34.307	38.706	43.010	276.6	5.40	1469.7
18	5.230	5.229	32.0123	25.294	25.308	29.913	34.420	38.827	43.139	267.6	5.95	1468.3
20	4.973	4.972	32.0269	25.334	25.348	29.960	34.473	38.885	43.202	263.8	6.49	1467.3
22	4.702	4.700	32.0507	25.382	25.396	30.015	34.534	38.952	43.274	259.2	7.02	1466.2
24	4.588	4.586	32.0691	25.409	25.422	30.044	34.565	38.986	43.311	256.7	7.53	1465.8
26	4.332	4.330	32.0903	25.453	25.465	30.094	34.621	39.047	43.377	252.6	8.05	1464.8
28	3.443	3.441	32.1059	25.552	25.563	30.215	34.764	39.210	43.559	243.3	8.55	1461.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 102

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
102	170	23	8	1988	0122	64	05.2 N	167	23.3 W	28	5.1	1012.2	13.0	324

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.414	6.414	31.4963	24.745	24.761	29.339	33.825	38.210	42.501	319.4	0.00	1472.1
2	6.412	6.412	31.4838	24.735	24.751	29.331	33.816	38.201	42.492	320.4	0.64	1472.1
4	6.410	6.410	31.5021	24.750	24.766	29.346	33.830	38.215	42.507	319.0	1.28	1472.2
6	6.183	6.182	31.5767	24.837	24.853	29.438	33.926	38.316	42.611	310.7	1.92	1471.4
8	6.309	6.308	31.5202	24.777	24.793	29.375	33.861	38.249	42.542	316.5	2.54	1471.9
10	6.406	6.405	31.5011	24.749	24.766	29.345	33.830	38.215	42.507	319.1	3.17	1472.3
12	6.076	6.075	31.6391	24.899	24.915	29.502	33.993	38.384	42.681	304.9	3.81	1471.1
14	2.971	2.970	32.1005	25.590	25.600	30.265	34.826	39.283	43.643	239.7	4.42	1458.8
16	2.380	2.379	32.1622	25.688	25.696	30.378	34.953	39.424	43.797	230.5	4.90	1456.3
18	2.362	2.361	32.1487	25.679	25.687	30.369	34.945	39.417	43.790	231.4	5.36	1456.2
20	2.336	2.335	32.1419	25.675	25.683	30.366	34.943	39.415	43.789	231.7	5.82	1456.2
22	2.313	2.312	32.1343	25.671	25.679	30.363	34.940	39.413	43.787	232.1	6.29	1456.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 103

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
103	171	23	8	1988	0734	63	39.5 N	168	21.7 W	28	5.6	1012.4	11.2	314

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	7.625	7.625	31.3755	24.488	24.507	29.057	33.517	37.879	42.148	343.6	0.00	1476.8
2	7.633	7.633	31.3893	24.498	24.517	29.067	33.526	37.888	42.156	342.7	0.69	1476.8
4	7.631	7.630	31.4332	24.532	24.552	29.102	33.561	37.922	42.190	339.4	1.37	1476.9
6	7.637	7.636	31.4443	24.540	24.560	29.109	33.568	37.929	42.197	338.7	2.05	1477.0
8	7.638	7.637	31.4436	24.540	24.559	29.109	33.567	37.928	42.196	338.8	2.73	1477.0
10	7.639	7.638	31.4430	24.539	24.558	29.108	33.567	37.927	42.195	338.9	3.41	1477.1
12	7.630	7.628	31.4448	24.542	24.561	29.111	33.570	37.931	42.199	338.6	4.09	1477.1
14	7.363	7.361	31.4602	24.591	24.610	29.166	33.630	37.996	42.269	334.0	4.76	1476.1
16	5.698	5.696	31.7551	25.036	25.051	29.647	34.145	38.544	42.848	291.9	5.43	1469.8
18	5.485	5.484	31.7688	25.072	25.087	29.687	34.191	38.593	42.902	288.6	6.02	1469.0
20	5.295	5.294	31.7803	25.103	25.117	29.723	34.230	38.637	42.949	285.7	6.59	1468.3
22	5.148	5.146	31.7868	25.125	25.139	29.748	34.259	38.669	42.984	283.6	7.16	1467.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 104

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
104	172	23	8	1988	1804	63	50.7 N	169	12.3 W	30	5.0	1016.0	2.1	171

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	5.654	5.654	32.0668	25.287	25.302	29.895	34.394	38.791	43.093	267.9	0.00	1469.8
2	5.668	5.668	32.0708	25.289	25.304	29.897	34.394	38.791	43.093	267.8	0.54	1469.9
4	5.680	5.680	32.0905	25.303	25.318	29.911	34.407	38.804	43.106	266.5	1.07	1470.0
6	5.591	5.591	32.0996	25.320	25.335	29.931	34.429	38.828	43.131	264.8	1.60	1469.7
8	5.555	5.555	32.0935	25.320	25.335	29.931	34.430	38.830	43.134	264.9	2.13	1469.6
10	5.542	5.541	32.0950	25.323	25.337	29.934	34.434	38.833	43.138	264.7	2.66	1469.5
12	5.541	5.540	32.0955	25.323	25.338	29.935	34.434	38.834	43.138	264.6	3.19	1469.6
14	5.544	5.543	32.0964	25.323	25.338	29.935	34.434	38.834	43.138	264.6	3.72	1469.6
16	5.418	5.416	32.0819	25.327	25.341	29.942	34.444	38.846	43.153	264.3	4.25	1469.1
18	4.054	4.053	32.2524	25.610	25.621	30.256	34.789	39.220	43.555	237.7	4.78	1463.7
20	4.011	4.010	32.2256	25.593	25.604	30.240	34.774	39.207	43.543	239.3	5.26	1463.5
22	4.008	4.007	32.2119	25.582	25.594	30.230	34.764	39.197	43.533	240.3	5.73	1463.5
24	3.999	3.997	32.2104	25.582	25.594	30.230	34.764	39.197	43.533	240.4	6.22	1463.5
26	3.999	3.998	32.2078	25.580	25.591	30.228	34.762	39.195	43.531	240.6	6.70	1463.5
28	3.998	3.996	32.2044	25.577	25.589	30.225	34.760	39.193	43.529	240.8	7.18	1463.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 105

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
105	173	24	8	1988	0020	64	02.0 N	170	05.1 W	29	6.5	1014.4	8.0	167

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.019	6.019	31.9256	25.132	25.147	29.732	34.224	38.614	42.910	282.6	0.00	1471.1
2	6.032	6.031	31.8754	25.091	25.106	29.692	34.183	38.573	42.869	286.6	0.57	1471.1
4	6.032	6.032	31.8880	25.100	25.116	29.702	34.192	38.583	42.879	285.6	1.15	1471.2
6	6.021	6.021	31.8895	25.103	25.119	29.705	34.195	38.586	42.882	285.4	1.72	1471.2
8	6.019	6.018	31.8895	25.103	25.119	29.705	34.196	38.586	42.883	285.4	2.29	1471.2
10	5.967	5.966	31.8873	25.108	25.124	29.711	34.203	38.594	42.892	285.0	2.86	1471.0
12	5.664	5.663	31.8990	25.154	25.169	29.764	34.262	38.660	42.964	280.7	3.43	1469.8
14	5.519	5.518	31.9121	25.181	25.196	29.795	34.296	38.697	43.003	278.2	3.99	1469.3
16	5.482	5.481	31.9209	25.192	25.207	29.807	34.309	38.711	43.018	277.1	4.55	1469.2
18	5.443	5.442	31.9271	25.202	25.216	29.817	34.320	38.723	43.031	276.2	5.10	1469.0
20	5.409	5.408	31.9435	25.219	25.233	29.835	34.338	38.741	43.050	274.7	5.65	1469.0
22	5.409	5.407	31.9479	25.222	25.237	29.838	34.342	38.745	43.053	274.3	6.20	1469.0
24	5.409	5.407	31.9469	25.221	25.236	29.837	34.341	38.744	43.053	274.4	6.75	1469.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 106

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
106	174	24	8	1988	0340	64	13.4 N	170	58.9 W	32	6.8	1012.2	6.2	182

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	6.104	6.104	31.8808	25.086	25.102	29.685	34.175	38.563	42.858	287.0	0.00	1471.4
2	6.106	6.106	31.8775	25.083	25.099	29.683	34.172	38.561	42.855	287.3	0.57	1471.4
4	6.097	6.096	31.8828	25.088	25.104	29.689	34.177	38.566	42.861	286.8	1.15	1471.4
6	5.902	5.901	31.8503	25.087	25.102	29.692	34.185	38.578	42.878	287.0	1.72	1470.6
8	4.773	4.772	31.9916	25.328	25.341	29.959	34.477	38.894	43.215	264.3	2.30	1466.2
10	3.095	3.095	31.8196	25.356	25.366	30.030	34.589	39.046	43.405	261.9	2.83	1458.9
12	2.171	2.170	32.0557	25.619	25.627	30.315	34.897	39.374	43.752	237.0	3.35	1455.2
14	1.196	1.195	32.0849	25.710	25.716	30.432	35.039	39.540	43.941	228.5	3.82	1450.9
16	0.968	0.968	32.1960	25.813	25.819	30.540	35.153	39.659	44.065	218.8	4.28	1450.1
18	0.956	0.955	32.2038	25.820	25.825	30.548	35.160	39.666	44.072	218.1	4.72	1450.1
20	0.877	0.876	32.2012	25.822	25.828	30.553	35.167	39.675	44.083	217.9	5.15	1449.7
22	0.819	0.818	32.2034	25.827	25.833	30.559	35.175	39.685	44.095	217.4	5.59	1449.5
24	0.808	0.807	32.2018	25.827	25.832	30.559	35.175	39.685	44.095	217.5	6.02	1449.5
26	0.803	0.802	32.1959	25.822	25.828	30.555	35.171	39.682	44.091	217.9	6.46	1449.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 107

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
107	175	24	8	1988	0848	64	23.7 N	171	36.9 W	45	5.1	1008.1	6.5	116

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	2.895	2.895	32.7509	26.114	26.124	30.785	35.344	39.798	44.155	189.8	0.00	1459.1
2	2.918	2.918	32.7577	26.118	26.127	30.789	35.346	39.799	44.156	189.5	0.38	1459.2
4	2.957	2.956	32.6907	26.061	26.071	30.732	35.288	39.741	44.097	194.9	0.75	1459.4
6	2.928	2.928	32.6905	26.063	26.073	30.735	35.292	39.746	44.102	194.7	1.14	1459.3
8	2.897	2.896	32.6949	26.070	26.079	30.742	35.300	39.754	44.111	194.1	1.53	1459.2
10	2.841	2.840	32.7032	26.081	26.090	30.755	35.314	39.770	44.128	193.0	1.92	1459.0
12	2.811	2.811	32.7079	26.087	26.097	30.761	35.321	39.778	44.137	192.4	2.31	1458.9
14	2.782	2.781	32.7099	26.091	26.101	30.766	35.327	39.784	44.144	192.1	2.69	1458.8
16	2.764	2.763	32.7111	26.094	26.103	30.769	35.331	39.788	44.148	191.8	3.08	1458.7
18	2.775	2.774	32.7097	26.092	26.101	30.767	35.328	39.785	44.145	192.0	3.46	1458.8
20	2.779	2.778	32.7089	26.091	26.100	30.766	35.327	39.784	44.144	192.2	3.84	1458.9
22	2.781	2.779	32.7082	26.090	26.100	30.765	35.326	39.783	44.143	192.2	4.23	1458.9
24	2.775	2.774	32.7095	26.092	26.101	30.767	35.328	39.785	44.145	192.1	4.61	1458.9
26	2.773	2.772	32.7097	26.092	26.101	30.767	35.328	39.786	44.145	192.1	5.00	1458.9
28	2.776	2.774	32.7089	26.091	26.101	30.766	35.327	39.785	44.144	192.2	5.38	1459.0
30	2.775	2.773	32.7094	26.092	26.101	30.767	35.328	39.785	44.145	192.1	5.77	1459.0
35	2.776	2.774	32.7089	26.091	26.101	30.766	35.327	39.784	44.144	192.2	6.73	1459.1
40	2.771	2.768	32.7107	26.093	26.102	30.768	35.329	39.787	44.147	192.0	7.69	1459.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 108

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
108	176	26	8	1988	1135	54	28.9 N	176	30.6 E	2690	9.1	1002.4	8.0	265

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.262	9.262	33.0830	25.574	25.598	30.096	34.513	38.832	43.060	239.7	0.00	1485.2
2	9.262	9.262	33.0838	25.575	25.599	30.099	34.514	38.833	43.061	239.7	0.48	1485.2
4	9.262	9.261	33.0846	25.576	25.600	30.100	34.514	38.833	43.061	239.7	0.96	1485.3
6	9.263	9.262	33.0842	25.575	25.599	30.099	34.514	38.833	43.061	239.8	1.44	1485.3
8	9.263	9.262	33.0844	25.575	25.599	30.099	34.514	38.833	43.061	239.8	1.92	1485.3
10	9.263	9.262	33.0846	25.575	25.600	30.099	34.514	38.833	43.061	239.8	2.40	1485.4
12	9.263	9.262	33.0845	25.575	25.600	30.099	34.514	38.833	43.061	239.9	2.88	1485.4
14	9.263	9.262	33.0843	25.575	25.599	30.099	34.514	38.833	43.061	239.9	3.36	1485.4
16	9.263	9.261	33.0844	25.575	25.600	30.099	34.514	38.833	43.061	239.9	3.84	1485.5
18	9.257	9.255	33.0838	25.576	25.600	30.100	34.515	38.834	43.062	240.0	4.32	1485.5
20	9.254	9.252	33.0845	25.577	25.601	30.101	34.516	38.835	43.063	239.9	4.80	1485.5
22	9.245	9.243	33.0841	25.578	25.602	30.102	34.517	38.837	43.065	239.8	5.28	1485.5
24	9.152	9.149	33.0800	25.590	25.614	30.116	34.533	38.854	43.084	238.7	5.76	1485.2
26	7.717	7.714	33.0945	25.821	25.842	30.377	34.822	39.171	43.427	217.0	6.23	1479.8
28	6.247	6.245	33.2565	26.150	26.168	30.737	35.213	39.589	43.872	186.0	6.67	1474.2
30	5.791	5.789	33.2410	26.196	26.212	30.793	35.279	39.665	43.957	181.8	7.04	1472.4
35	4.502	4.500	33.2829	26.379	26.392	31.007	35.521	39.935	44.253	164.6	7.95	1467.2
40	4.081	4.079	33.2843	26.425	26.437	31.063	35.587	40.010	44.337	160.4	8.77	1465.5
45	3.820	3.817	33.3040	26.467	26.479	31.111	35.642	40.071	44.403	156.4	9.57	1464.6
50	3.742	3.739	33.3098	26.480	26.491	31.126	35.658	40.088	44.423	155.3	10.36	1464.3
60	3.613	3.609	33.3316	26.510	26.521	31.159	35.694	40.127	44.464	152.5	11.91	1464.0
70	3.478	3.474	33.3364	26.526	26.538	31.179	35.717	40.154	44.493	151.0	13.43	1463.6
80	3.351	3.346	33.3507	26.550	26.561	31.205	35.747	40.186	44.529	148.8	14.94	1463.2
90	3.276	3.270	33.3693	26.572	26.583	31.229	35.772	40.213	44.557	146.8	16.43	1463.1
100	3.248	3.242	33.3965	26.596	26.607	31.254	35.798	40.239	44.583	144.6	17.90	1463.1
120	3.071	3.063	33.4010	26.616	26.627	31.279	35.826	40.272	44.620	142.8	20.79	1462.7
140	3.310	3.301	33.4708	26.649	26.661	31.306	35.847	40.286	44.628	139.8	23.65	1464.2
160	3.446	3.436	33.5322	26.685	26.697	31.338	35.875	40.311	44.650	136.5	26.44	1465.2
180	3.514	3.503	33.5697	26.708	26.721	31.359	35.894	40.328	44.665	134.5	29.18	1465.8
200	3.635	3.622	33.6402	26.753	26.765	31.399	35.931	40.362	44.696	130.5	31.87	1466.8
225	3.657	3.643	33.7313	26.823	26.836	31.469	35.999	40.428	44.761	124.1	35.13	1467.4
250	3.669	3.652	33.7767	26.858	26.871	31.504	36.032	40.461	44.794	121.0	38.23	1467.9
275	3.642	3.624	33.8334	26.905	26.919	31.551	36.081	40.510	44.842	116.6	41.25	1468.3
300	3.662	3.642	33.8818	26.942	26.955	31.587	36.115	40.544	44.875	113.4	44.17	1468.9
325	3.651	3.630	33.9286	26.980	26.994	31.626	36.153	40.581	44.913	110.0	47.00	1469.3
350	3.598	3.574	33.9764	27.023	27.037	31.670	36.199	40.628	44.960	106.0	49.75	1469.5
375	3.549	3.524	34.0124	27.057	27.071	31.705	36.234	40.664	44.997	103.0	52.40	1469.8
400	3.526	3.500	34.0300	27.073	27.087	31.721	36.251	40.681	45.015	101.7	54.98	1470.1
450	3.440	3.410	34.0855	27.126	27.140	31.776	36.307	40.739	45.074	97.0	60.06	1470.7
500	3.389	3.355	34.1133	27.153	27.167	31.805	36.336	40.769	45.105	94.8	64.91	1471.3
550	3.324	3.287	34.1453	27.184	27.199	31.839	36.371	40.805	45.142	92.1	69.65	1471.9
600	3.279	3.239	34.1703	27.209	27.223	31.864	36.397	40.832	45.170	90.1	74.26	1472.6
650	3.246	3.203	34.1859	27.224	27.239	31.881	36.414	40.849	45.188	88.9	78.76	1473.3
700	3.193	3.146	34.2037	27.243	27.259	31.901	36.435	40.872	45.212	87.4	83.21	1473.9
750	3.161	3.110	34.2169	27.257	27.272	31.916	36.450	40.888	45.228	86.4	87.58	1474.6
800	3.111	3.057	34.2389	27.279	27.295	31.939	36.475	40.913	45.254	84.6	91.90	1475.3
850	3.046	2.990	34.2684	27.309	27.324	31.971	36.507	40.946	45.289	82.0	96.13	1475.9
900	2.971	2.911	34.2928	27.335	27.351	31.999	36.537	40.978	45.322	79.7	100.23	1476.4
950	2.893	2.830	34.3174	27.362	27.378	32.029	36.567	41.010	45.355	77.4	104.21	1477.0
1000	2.819	2.752	34.3348	27.383	27.399	32.051	36.591	41.036	45.383	75.6	108.08	1477.5

1250	2.556	2.473	34.4068	27.463	27.480	32.142	36.682	41.134	45.486	68.8	126.98	1480.6
1500	2.305	2.205	34.4672	27.533	27.550	32.219	36.764	41.221	45.579	62.8	144.18	1483.9
1750	2.055	1.939	34.5220	27.598	27.615	32.291	36.841	41.304	45.666	57.0	159.87	1487.1
2000	1.916	1.781	34.5533	27.634	27.653	32.332	36.883	41.350	45.715	54.0	174.13	1490.8
2250	1.792	1.638	34.5808	27.666	27.685	32.369	36.933	41.376	45.759	51.5	187.64	1494.5
2500	1.714	1.539	34.5986	27.686	27.707	32.393	36.957	41.402	45.786	50.0	200.50	1498.5
2750	1.660	1.464	34.6115	27.700	27.723	32.411	36.974	41.421	45.806	49.2	213.00	1502.6

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 108

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
108	177	26	8	1988	2037	54	25.3 N	176	43.7 W	3835	8.5	1001.4	5.3	302

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.177	9.177	33.1074	25.607	25.631	30.131	34.549	38.869	43.099	236.6	0.00	1484.9
2	9.178	9.178	33.0997	25.601	25.625	30.126	34.543	38.863	43.093	237.3	0.47	1485.0
4	9.178	9.178	33.0994	25.601	25.625	30.126	34.542	38.863	43.093	237.3	0.95	1485.0
6	9.176	9.175	33.0996	25.601	25.625	30.127	34.543	38.864	43.093	237.3	1.42	1485.0
8	9.176	9.175	33.0995	25.601	25.625	30.127	34.543	38.863	43.093	237.4	1.90	1485.0
10	9.176	9.175	33.0992	25.601	25.625	30.126	34.543	38.863	43.093	237.4	2.37	1485.1
12	9.170	9.169	33.0994	25.602	25.626	30.128	34.544	38.865	43.095	237.3	2.85	1485.1
14	9.169	9.167	33.0992	25.602	25.626	30.128	34.544	38.865	43.095	237.4	3.32	1485.1
16	9.167	9.165	33.0997	25.603	25.627	30.128	34.545	38.866	43.095	237.4	3.80	1485.1
18	9.167	9.165	33.1000	25.603	25.627	30.129	34.545	38.866	43.096	237.4	4.27	1485.2
20	9.166	9.164	33.1001	25.603	25.627	30.129	34.546	38.866	43.096	237.4	4.75	1485.2
22	9.159	9.157	33.0997	25.604	25.628	30.130	34.546	38.867	43.097	237.4	5.22	1485.2
24	9.155	9.153	33.0989	25.604	25.628	30.130	34.547	38.868	43.097	237.4	5.70	1485.2
26	9.149	9.146	33.0989	25.605	25.629	30.131	34.548	38.869	43.099	237.3	6.17	1485.2
28	9.112	9.109	33.0987	25.611	25.635	30.138	34.555	38.877	43.108	236.8	6.65	1485.1
30	9.056	9.053	33.0985	25.619	25.644	30.148	34.566	38.889	43.121	236.0	7.12	1485.0
35	7.528	7.525	33.3291	26.032	26.053	30.591	35.038	39.389	43.646	197.1	8.30	1479.5
40	5.440	5.437	33.2626	26.256	26.271	30.861	35.354	39.748	44.047	176.3	9.29	1471.2
45	4.863	4.860	33.2695	26.328	26.343	30.947	35.454	39.860	44.170	169.5	10.17	1468.9
50	4.231	4.228	33.3186	26.436	26.449	31.070	35.591	40.010	44.334	159.4	11.01	1466.4
60	3.784	3.780	33.3350	26.495	26.507	31.140	35.671	40.101	44.434	153.9	12.61	1464.7
70	3.664	3.659	33.3467	26.517	26.528	31.164	35.698	40.130	44.466	151.9	14.15	1464.4
80	3.585	3.580	33.3667	26.540	26.552	31.190	35.725	40.159	44.496	149.8	15.67	1464.2
90	3.459	3.453	33.3845	26.567	26.578	31.219	35.758	40.194	44.534	147.3	17.16	1463.9
100	3.370	3.364	33.3988	26.586	26.598	31.241	35.782	40.220	44.562	145.5	18.64	1463.7
120	3.362	3.354	33.4599	26.636	26.647	31.291	35.831	40.269	44.610	141.0	21.55	1464.0
140	3.449	3.440	33.5134	26.670	26.682	31.322	35.860	40.295	44.635	137.9	24.37	1464.8
160	3.532	3.521	33.5664	26.704	26.716	31.354	35.889	40.322	44.659	134.8	27.12	1465.6
180	3.570	3.559	33.5980	26.725	26.738	31.374	35.908	40.340	44.676	132.9	29.82	1466.1
200	3.621	3.608	33.6555	26.766	26.779	31.413	35.945	40.376	44.710	129.2	32.48	1466.7
225	3.661	3.646	33.7220	26.815	26.828	31.461	35.991	40.420	44.753	124.8	35.71	1467.4
250	3.670	3.653	33.7642	26.848	26.861	31.494	36.023	40.451	44.784	121.9	38.83	1467.9

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 109

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
109	178	27	8	1988	0955	54 32.3 N	175 29.5 W	2490	9.4	1000.7	3.1	286

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.588	9.588	33.0637	25.506	25.531	30.021	34.432	38.745	42.968	246.2	0.00	1486.4
2	9.587	9.587	33.0648	25.507	25.532	30.024	34.433	38.746	42.969	246.1	0.49	1486.4
4	9.586	9.586	33.0721	25.513	25.538	30.030	34.439	38.752	42.975	245.6	0.98	1486.5
6	9.588	9.587	33.0716	25.512	25.537	30.029	34.438	38.751	42.974	245.7	1.48	1486.5
8	9.580	9.579	33.0720	25.514	25.539	30.031	34.440	38.753	42.976	245.6	1.97	1486.5
10	9.569	9.568	33.0723	25.516	25.541	30.034	34.443	38.756	42.979	245.4	2.46	1486.5
12	9.437	9.436	33.0747	25.539	25.564	30.060	34.471	38.787	43.012	243.3	2.95	1486.0
14	9.436	9.435	33.0747	25.539	25.564	30.060	34.471	38.787	43.013	243.3	3.44	1486.1
16	9.411	9.409	33.0734	25.542	25.567	30.064	34.476	38.792	43.018	243.0	3.92	1486.0
18	9.319	9.317	33.0731	25.557	25.582	30.080	34.494	38.812	43.039	241.7	4.41	1485.7
20	9.244	9.242	33.0715	25.568	25.593	30.092	34.508	38.827	43.056	240.7	4.89	1485.5
22	9.190	9.187	33.0692	25.575	25.599	30.101	34.517	38.837	43.067	240.1	5.37	1485.3
24	7.318	7.316	33.1632	25.932	25.952	30.496	34.949	39.305	43.568	206.5	5.85	1478.3
26	6.641	6.639	33.1880	26.045	26.063	30.623	35.091	39.459	43.735	196.0	6.27	1475.7
28	5.704	5.702	33.2316	26.199	26.215	30.799	35.286	39.674	43.968	181.5	6.66	1472.0
30	5.549	5.547	33.2206	26.210	26.225	30.813	35.304	39.695	43.992	180.6	7.02	1471.4
35	4.276	4.274	33.2461	26.374	26.387	31.007	35.528	39.947	44.270	165.1	7.92	1466.2
40	3.846	3.844	33.2483	26.420	26.432	31.064	35.595	40.023	44.356	160.8	8.75	1464.5
45	3.850	3.847	33.2433	26.416	26.428	31.060	35.590	40.019	44.351	161.3	9.55	1464.6
50	3.626	3.623	33.2906	26.476	26.487	31.125	35.660	40.094	44.430	155.7	10.36	1463.8
60	3.299	3.295	33.3105	26.523	26.534	31.180	35.723	40.164	44.508	151.3	11.92	1462.6
70	2.784	2.780	33.2810	26.546	26.556	31.217	35.773	40.226	44.581	149.2	13.43	1460.5
80	2.480	2.476	33.2928	26.581	26.591	31.260	35.823	40.284	44.646	145.8	14.92	1459.3
90	2.331	2.326	33.2912	26.592	26.601	31.274	35.842	40.306	44.672	144.8	16.38	1458.9
100	2.091	2.086	33.2835	26.605	26.614	31.294	35.867	40.337	44.708	143.6	17.83	1458.0
120	1.881	1.874	33.2905	26.627	26.635	31.322	35.900	40.375	44.751	141.6	20.70	1457.4
140	2.407	2.399	33.3825	26.659	26.668	31.339	35.903	40.365	44.728	138.7	23.53	1460.1
160	3.025	3.015	33.5259	26.720	26.731	31.383	35.930	40.376	44.724	133.2	26.31	1463.3
180	3.192	3.181	33.5880	26.754	26.765	31.412	35.955	40.396	44.740	130.1	28.97	1464.5
200	3.370	3.357	33.6509	26.787	26.799	31.440	35.979	40.415	44.755	127.2	31.57	1465.7
225	3.577	3.562	33.7327	26.832	26.845	31.480	36.012	40.443	44.778	123.2	34.75	1467.1
250	3.611	3.594	33.7917	26.875	26.888	31.523	36.053	40.483	44.816	119.3	37.83	1467.7
275	3.621	3.603	33.8428	26.915	26.928	31.561	36.091	40.521	44.853	115.7	40.82	1468.2
300	3.610	3.590	33.8843	26.949	26.962	31.595	36.125	40.555	44.887	112.7	43.71	1468.6
325	3.607	3.586	33.9186	26.976	26.990	31.623	36.152	40.581	44.914	110.3	46.52	1469.1
350	3.598	3.575	33.9465	27.000	27.013	31.647	36.175	40.604	44.937	108.3	49.28	1469.5
375	3.589	3.564	33.9826	27.029	27.043	31.676	36.205	40.634	44.967	105.7	51.99	1469.9
400	3.582	3.555	33.9929	27.038	27.052	31.685	36.214	40.643	44.976	105.0	54.63	1470.3
450	3.513	3.482	34.0612	27.099	27.113	31.748	36.277	40.708	45.041	99.6	59.88	1470.9
500	3.451	3.418	34.1038	27.139	27.154	31.790	36.320	40.751	45.086	96.1	64.86	1471.6
550	3.380	3.343	34.1397	27.175	27.189	31.827	36.358	40.791	45.127	93.1	69.67	1472.1
600	3.313	3.273	34.1710	27.206	27.221	31.860	36.392	40.826	45.164	90.4	74.32	1472.7
650	3.259	3.216	34.1996	27.234	27.249	31.890	36.422	40.858	45.196	88.0	78.84	1473.4
700	3.202	3.155	34.2206	27.256	27.271	31.913	36.447	40.883	45.223	86.2	83.24	1474.0
750	3.140	3.090	34.2413	27.278	27.294	31.938	36.472	40.910	45.251	84.4	87.55	1474.6
800	3.059	3.006	34.2656	27.305	27.321	31.967	36.503	40.942	45.284	82.1	91.77	1475.1
850	2.994	2.938	34.2867	27.328	27.344	31.992	36.529	40.969	45.313	80.1	95.88	1475.7
900	2.927	2.867	34.3077	27.351	27.367	32.016	36.555	40.997	45.342	78.1	99.88	1476.2
950	2.865	2.802	34.3280	27.373	27.389	32.040	36.579	41.023	45.369	76.3	103.79	1476.8
1000	2.798	2.731	34.3463	27.394	27.410	32.062	36.603	41.048	45.395	74.5	107.60	1477.4

1250	2.497	2.415	34.4224	27.481	27.497	32.160	36.702	41.156	45.509	67.0	126.23	1480.4
1500	2.237	2.138	34.4829	27.551	27.568	32.238	36.785	41.245	45.604	60.9	142.98	1483.6
1750	2.040	1.924	34.5266	27.603	27.620	32.296	36.846	41.309	45.673	56.5	158.19	1487.0
2000	1.881	1.746	34.5613	27.643	27.662	32.342	36.894	41.361	45.728	53.0	172.31	1490.6
2250	1.767	1.613	34.5862	27.672	27.692	32.376	36.940	41.385	45.767	50.7	185.57	1494.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 109

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
109	179	27	8	1988	1334	54	30.9 N	175	28.6 W	2490	9.4	1000.7	3.1	286

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.557	9.557	33.0670	25.514	25.538	30.030	34.441	38.755	42.978	245.5	0.00	1486.3
2	9.557	9.557	33.0711	25.517	25.542	30.035	34.444	38.758	42.981	245.2	0.49	1486.3
4	9.558	9.557	33.0718	25.517	25.542	30.035	34.444	38.758	42.981	245.2	0.98	1486.4
6	9.557	9.556	33.0720	25.517	25.542	30.036	34.445	38.759	42.982	245.2	1.47	1486.4
8	9.560	9.559	33.0720	25.517	25.542	30.035	34.444	38.758	42.981	245.3	1.96	1486.4
10	9.545	9.543	33.0760	25.523	25.548	30.041	34.450	38.764	42.988	244.8	2.45	1486.4
12	9.458	9.456	33.0683	25.531	25.556	30.051	34.462	38.778	43.003	244.0	2.94	1486.1
14	9.400	9.399	33.0750	25.545	25.570	30.067	34.479	38.795	43.021	242.7	3.43	1485.9
16	9.383	9.381	33.0738	25.547	25.572	30.069	34.482	38.798	43.025	242.6	3.92	1485.9
18	9.355	9.353	33.0714	25.550	25.575	30.072	34.485	38.803	43.029	242.4	4.40	1485.8
20	9.272	9.270	33.0681	25.561	25.585	30.085	34.500	38.819	43.047	241.4	4.88	1485.6
22	9.223	9.221	33.0668	25.568	25.592	30.093	34.508	38.828	43.057	240.8	5.37	1485.4
24	9.195	9.192	33.0664	25.572	25.596	30.098	34.514	38.834	43.064	240.4	5.85	1485.3
26	9.118	9.115	33.0606	25.580	25.604	30.107	34.525	38.847	43.078	239.7	6.33	1485.1
28	8.560	8.557	33.0985	25.698	25.720	30.236	34.664	38.996	43.236	228.7	6.81	1483.0
30	7.791	7.788	33.1307	25.839	25.860	30.393	34.836	39.183	43.437	215.4	7.27	1480.2
35	5.469	5.466	33.2731	26.261	26.276	30.865	35.358	39.750	44.049	175.8	8.34	1471.2
40	4.652	4.649	33.2750	26.356	26.370	30.980	35.491	39.902	44.217	166.8	9.22	1467.9
45	4.248	4.245	33.2833	26.407	26.420	31.040	35.561	39.980	44.304	162.1	10.06	1466.3
50	3.959	3.955	33.3098	26.458	26.470	31.098	35.626	40.051	44.381	157.4	10.87	1465.2
60	3.562	3.558	33.3062	26.494	26.506	31.145	35.682	40.116	44.454	154.0	12.44	1463.7
70	2.763	2.759	33.2759	26.544	26.554	31.215	35.772	40.225	44.581	149.4	13.98	1460.4
80	2.625	2.621	33.2831	26.561	26.571	31.236	35.796	40.253	44.612	147.7	15.47	1460.0
90	2.356	2.351	33.2859	26.586	26.595	31.268	35.835	40.298	44.663	145.4	16.95	1459.0
100	2.196	2.191	33.2815	26.595	26.604	31.281	35.852	40.319	44.688	144.6	18.41	1458.4
120	1.947	1.941	33.2921	26.623	26.632	31.316	35.893	40.366	44.741	142.0	21.30	1457.7
140	2.105	2.097	33.3302	26.642	26.650	31.330	35.903	40.371	44.742	140.3	24.14	1458.7
160	2.597	2.588	33.4211	26.674	26.684	31.349	35.908	40.364	44.723	137.4	26.94	1461.3
180	3.017	3.006	33.5282	26.722	26.733	31.385	35.933	40.379	44.727	133.1	29.69	1463.6
200	3.109	3.096	33.5851	26.759	26.770	31.420	35.965	40.408	44.754	129.7	32.35	1464.4
225	3.432	3.418	33.7004	26.820	26.833	31.472	36.008	40.443	44.781	124.2	35.60	1466.4

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 110

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
110	180	27	8	1988	2245	53 58.6 N	176 01.0 W	3933	9.3	999.2	5.1	343

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.392	9.392	32.9409	25.442	25.467	29.963	34.378	38.695	42.922	252.3	0.00	1485.5
2	9.392	9.392	32.9412	25.442	25.467	29.965	34.378	38.696	42.922	252.3	0.50	1485.5
4	9.403	9.402	32.9413	25.441	25.465	29.963	34.376	38.693	42.920	252.5	1.01	1485.6
6	9.405	9.404	32.9402	25.440	25.464	29.962	34.375	38.692	42.919	252.6	1.51	1485.7
8	9.357	9.356	32.9411	25.448	25.473	29.971	34.385	38.703	42.931	251.9	2.02	1485.5
10	9.329	9.328	32.9431	25.454	25.479	29.978	34.392	38.711	42.939	251.3	2.52	1485.4
12	9.283	9.282	32.9528	25.469	25.494	29.994	34.409	38.728	42.957	249.9	3.03	1485.3
14	9.166	9.164	32.9540	25.489	25.513	30.016	34.434	38.755	42.986	248.1	3.53	1484.9
16	9.143	9.141	32.9549	25.494	25.518	30.021	34.439	38.761	42.992	247.7	4.02	1484.9
18	9.133	9.131	32.9534	25.494	25.518	30.022	34.440	38.762	42.993	247.7	4.52	1484.9
20	9.054	9.052	32.9537	25.507	25.531	30.036	34.456	38.779	43.012	246.6	5.01	1484.6
22	8.957	8.954	32.9572	25.525	25.549	30.056	34.478	38.803	43.037	244.9	5.51	1484.3
24	8.738	8.736	32.9415	25.547	25.570	30.083	34.509	38.838	43.077	242.9	6.00	1483.5
26	8.388	8.385	32.9844	25.635	25.657	30.177	34.610	38.946	43.190	234.6	6.48	1482.2
28	8.282	8.279	32.9859	25.652	25.674	30.197	34.632	38.970	43.216	233.0	6.95	1481.8
30	6.470	6.467	33.0924	25.992	26.010	30.575	35.047	39.420	43.700	201.1	7.42	1474.9
35	4.563	4.560	33.1635	26.278	26.291	30.905	35.419	39.832	44.150	174.2	8.42	1467.3
40	4.035	4.032	33.1514	26.324	26.337	30.964	35.491	39.916	44.245	169.9	9.29	1465.2
45	3.667	3.664	33.1515	26.361	26.373	31.010	35.546	39.979	44.316	166.5	10.14	1463.7
50	3.208	3.205	33.1403	26.396	26.407	31.057	35.603	40.048	44.394	163.3	10.98	1461.8
60	3.012	3.009	33.1532	26.424	26.434	31.090	35.641	40.090	44.441	160.7	12.61	1461.1
70	2.965	2.960	33.1762	26.447	26.457	31.113	35.666	40.115	44.468	158.6	14.21	1461.1
80	2.891	2.887	33.2030	26.474	26.485	31.143	35.697	40.148	44.502	156.0	15.80	1461.0
90	2.742	2.736	33.2264	26.506	26.516	31.178	35.736	40.190	44.547	153.0	17.36	1460.6
100	2.702	2.696	33.2620	26.538	26.548	31.211	35.769	40.224	44.582	150.1	18.89	1460.6
120	2.769	2.762	33.3578	26.609	26.619	31.279	35.835	40.288	44.643	143.5	21.89	1461.3
140	2.503	2.495	33.3908	26.658	26.667	31.335	35.897	40.356	44.717	138.9	24.76	1460.6
160	2.737	2.728	33.4675	26.699	26.709	31.370	35.925	40.378	44.733	135.1	27.54	1462.0
180	3.189	3.178	33.5702	26.740	26.751	31.398	35.941	40.383	44.727	131.5	30.24	1464.4
200	3.299	3.286	33.6374	26.783	26.795	31.438	35.978	40.416	44.758	127.5	32.87	1465.3
225	3.440	3.425	33.7134	26.830	26.842	31.482	36.017	40.452	44.789	123.3	36.06	1466.4
250	3.437	3.421	33.7812	26.884	26.897	31.536	36.070	40.504	44.842	118.4	39.14	1466.9
275	3.471	3.454	33.8331	26.922	26.935	31.572	36.106	40.539	44.875	115.0	42.10	1467.6
300	3.518	3.498	33.8755	26.951	26.964	31.600	36.132	40.564	44.898	112.4	44.97	1468.2
325	3.540	3.519	33.9136	26.979	26.993	31.628	36.158	40.589	44.923	110.0	47.78	1468.8
350	3.541	3.517	33.9578	27.014	27.028	31.663	36.193	40.623	44.957	106.9	50.53	1469.3
375	3.551	3.526	33.9880	27.037	27.051	31.685	36.215	40.645	44.978	104.9	53.21	1469.8
400	3.534	3.507	34.0190	27.064	27.077	31.712	36.241	40.671	45.005	102.6	55.83	1470.1
450	3.453	3.423	34.0702	27.112	27.126	31.763	36.293	40.725	45.060	98.3	60.96	1470.7
500	3.405	3.372	34.1080	27.147	27.161	31.798	36.330	40.762	45.098	95.3	65.87	1471.4
550	3.358	3.321	34.1318	27.170	27.185	31.824	36.355	40.789	45.125	93.4	70.64	1472.0
600	3.318	3.278	34.1561	27.194	27.208	31.848	36.380	40.814	45.151	91.6	75.31	1472.7
650	3.247	3.203	34.1792	27.219	27.234	31.875	36.408	40.844	45.183	89.5	79.89	1473.3
700	3.214	3.167	34.2061	27.243	27.259	31.900	36.434	40.870	45.210	87.5	84.36	1474.0
750	3.150	3.100	34.2275	27.266	27.282	31.926	36.460	40.898	45.238	85.5	88.73	1474.6
800	3.110	3.056	34.2550	27.292	27.308	31.952	36.487	40.926	45.267	83.4	93.01	1475.3
850	3.028	2.971	34.2762	27.317	27.332	31.979	36.516	40.956	45.298	81.2	97.18	1475.8
900	2.955	2.895	34.3014	27.344	27.359	32.008	36.546	40.987	45.331	78.9	101.24	1476.4
950	2.888	2.825	34.3215	27.366	27.382	32.032	36.571	41.014	45.359	77.0	105.19	1476.9
1000	2.833	2.767	34.3373	27.383	27.399	32.051	36.591	41.035	45.382	75.6	109.04	1477.6

1250	2.509	2.426	34.4193	27.477	27.494	32.157	36.698	41.152	45.505	67.4	127.93	1480.5
1500	2.244	2.145	34.4811	27.549	27.566	32.236	36.783	41.242	45.601	61.1	144.76	1483.6
1750	2.046	1.929	34.5254	27.601	27.619	32.295	36.844	41.308	45.671	56.6	160.03	1487.0
2000	1.890	1.755	34.5594	27.641	27.659	32.339	36.892	41.358	45.725	53.3	174.19	1490.7
2250	1.774	1.620	34.5847	27.670	27.690	32.374	36.938	41.382	45.765	50.9	187.51	1494.5
2500	1.685	1.510	34.6046	27.693	27.714	32.400	36.965	41.412	45.796	49.2	200.24	1498.4
2750	1.628	1.432	34.6179	27.708	27.730	32.419	36.983	41.431	45.817	48.3	212.54	1502.5
3000	1.603	1.384	34.6252	27.716	27.739	32.430	36.992	41.440	45.826	48.2	224.61	1506.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 110

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
110	181	28	8	1988	0136	53	57.0 N	176	00.7 W	3933	9.3	999.2	5.1	343

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.496	9.496	32.9590	25.439	25.464	29.957	34.371	38.686	42.911	252.5	0.00	1485.9
2	9.491	9.491	32.9642	25.444	25.469	29.964	34.376	38.691	42.916	252.1	0.50	1485.9
4	9.498	9.498	32.9425	25.426	25.451	29.946	34.358	38.673	42.898	253.9	1.01	1486.0
6	9.470	9.469	32.9406	25.429	25.454	29.950	34.362	38.678	42.904	253.6	1.52	1485.9
8	9.438	9.437	32.9420	25.436	25.460	29.957	34.369	38.686	42.912	253.0	2.02	1485.8
10	9.347	9.346	32.9399	25.449	25.473	29.972	34.386	38.705	42.932	251.8	2.53	1485.5
12	9.327	9.326	32.9405	25.453	25.477	29.976	34.391	38.710	42.937	251.5	3.03	1485.5
14	9.299	9.297	32.9482	25.463	25.488	29.987	34.402	38.722	42.950	250.6	3.54	1485.4
16	9.241	9.240	32.9485	25.473	25.497	29.998	34.414	38.734	42.964	249.7	4.04	1485.2
18	9.189	9.187	32.9522	25.484	25.508	30.010	34.427	38.749	42.979	248.7	4.54	1485.1
20	9.131	9.129	32.9496	25.491	25.515	30.019	34.437	38.759	42.991	248.0	5.03	1484.9
22	9.110	9.108	32.9499	25.495	25.519	30.023	34.442	38.764	42.996	247.7	5.53	1484.8
24	9.080	9.078	32.9492	25.499	25.523	30.028	34.447	38.770	43.002	247.4	6.03	1484.7
26	8.629	8.626	32.9880	25.601	25.623	30.138	34.566	38.897	43.137	237.8	6.52	1483.1
28	8.009	8.007	33.0052	25.708	25.730	30.258	34.698	39.042	43.293	227.7	7.00	1480.8
30	6.846	6.843	33.0759	25.929	25.948	30.504	34.968	39.333	43.605	207.0	7.45	1476.4
35	5.202	5.200	33.1097	26.163	26.178	30.775	35.275	39.675	43.979	185.0	8.49	1469.9
40	4.462	4.459	33.1082	26.245	26.258	30.875	35.392	39.808	44.128	177.4	9.41	1466.9
45	3.714	3.711	33.1362	26.345	26.356	30.992	35.527	39.959	44.295	168.1	10.30	1463.9
50	3.380	3.377	33.1401	26.380	26.391	31.036	35.579	40.019	44.362	164.8	11.14	1462.5
60	3.011	3.007	33.1500	26.422	26.432	31.087	35.639	40.088	44.439	160.9	12.79	1461.1
70	2.959	2.955	33.1938	26.461	26.471	31.128	35.680	40.130	44.482	157.2	14.40	1461.1
80	2.953	2.948	33.2412	26.499	26.510	31.166	35.718	40.168	44.519	153.6	15.97	1461.3
90	2.831	2.826	33.2695	26.533	26.543	31.202	35.757	40.209	44.564	150.5	17.50	1461.0
100	2.816	2.810	33.3015	26.560	26.570	31.229	35.784	40.236	44.591	148.0	19.01	1461.1
120	2.757	2.750	33.3770	26.625	26.635	31.296	35.851	40.304	44.660	141.9	21.97	1461.3
140	2.804	2.796	33.4546	26.683	26.693	31.352	35.906	40.357	44.711	136.6	24.81	1462.0
160	2.918	2.908	33.5155	26.721	26.732	31.387	35.937	40.385	44.736	133.1	27.54	1462.9
180	3.177	3.166	33.5887	26.756	26.767	31.414	35.958	40.399	44.744	130.0	30.20	1464.4
200	3.408	3.395	33.6819	26.808	26.820	31.460	35.997	40.432	44.771	125.2	32.80	1465.9
225	3.525	3.510	33.7402	26.843	26.856	31.493	36.025	40.458	44.794	122.1	35.93	1466.8
250	3.461	3.445	33.7819	26.882	26.895	31.533	36.067	40.501	44.838	118.5	38.98	1467.0

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 110

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
110	182	28	8	1988	0608	53	55.3 N	175	57.9 W	3934	9.1	1002.4	1.9	265

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.630	9.630	32.9727	25.428	25.453	29.943	34.354	38.667	42.889	253.6	0.00	1486.4
2	9.620	9.619	32.9454	25.408	25.433	29.926	34.335	38.648	42.871	255.5	0.51	1486.4
4	9.586	9.585	32.9441	25.413	25.438	29.931	34.341	38.655	42.879	255.1	1.02	1486.3
6	9.445	9.444	32.9378	25.431	25.456	29.953	34.365	38.681	42.907	253.4	1.53	1485.8
8	9.365	9.364	32.9369	25.444	25.468	29.966	34.380	38.698	42.926	252.3	2.04	1485.5
10	9.343	9.342	32.9390	25.449	25.473	29.972	34.386	38.705	42.933	251.8	2.54	1485.5
12	9.317	9.316	32.9473	25.459	25.484	29.983	34.398	38.717	42.945	250.9	3.05	1485.4
14	9.263	9.261	32.9525	25.472	25.497	29.997	34.413	38.733	42.962	249.7	3.55	1485.3
16	9.176	9.174	32.9535	25.487	25.511	30.014	34.431	38.753	42.983	248.3	4.05	1485.0
18	9.116	9.114	32.9519	25.496	25.520	30.023	34.442	38.764	42.996	247.6	4.55	1484.8
20	8.966	8.964	32.9529	25.520	25.544	30.051	34.472	38.798	43.032	245.3	5.04	1484.3
22	8.560	8.558	32.9690	25.596	25.619	30.135	34.565	38.898	43.139	238.2	5.53	1482.8
24	7.344	7.342	33.0507	25.840	25.860	30.404	34.858	39.214	43.477	215.2	6.01	1478.2
26	6.706	6.704	33.0953	25.963	25.981	30.541	35.008	39.376	43.651	203.7	6.44	1475.8
28	5.832	5.830	33.1042	26.083	26.099	30.681	35.166	39.552	43.844	192.5	6.85	1472.3
30	5.211	5.209	33.1281	26.177	26.192	30.789	35.288	39.687	43.992	183.7	7.23	1469.9
35	4.278	4.276	33.1496	26.298	26.310	30.931	35.452	39.872	44.196	172.4	8.15	1466.1
40	3.477	3.474	33.1743	26.398	26.409	31.052	35.591	40.029	44.370	163.0	9.01	1462.8
45	3.237	3.234	33.1543	26.404	26.415	31.064	35.610	40.054	44.400	162.4	9.83	1461.9
50	3.099	3.096	33.1600	26.422	26.432	31.085	35.634	40.081	44.430	160.8	10.64	1461.4
60	2.916	2.913	33.1834	26.457	26.467	31.125	35.678	40.129	44.482	157.6	12.25	1460.8
70	2.849	2.845	33.2178	26.490	26.500	31.159	35.714	40.166	44.521	154.5	13.82	1460.7
80	2.662	2.657	33.2693	26.547	26.557	31.221	35.780	40.236	44.595	149.1	15.37	1460.1
90	2.576	2.571	33.3051	26.583	26.593	31.259	35.820	40.278	44.638	145.7	16.86	1459.9
100	2.509	2.504	33.3055	26.589	26.599	31.266	35.829	40.289	44.650	145.2	18.32	1459.8
120	2.567	2.561	33.3614	26.629	26.638	31.305	35.865	40.323	44.683	141.5	21.22	1460.5
140	2.535	2.527	33.4089	26.669	26.679	31.346	35.907	40.365	44.725	137.8	24.05	1460.7
160	2.819	2.809	33.4849	26.705	26.716	31.374	35.927	40.378	44.731	134.5	26.81	1462.4
180	2.892	2.881	33.5536	26.754	26.764	31.420	35.971	40.419	44.770	130.1	29.50	1463.1
200	3.100	3.088	33.6238	26.791	26.802	31.451	35.996	40.439	44.785	126.7	32.10	1464.5
225	3.444	3.430	33.7251	26.839	26.851	31.491	36.025	40.460	44.797	122.5	35.27	1466.5

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 111

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
111	183	28	8	1988	1739	53	36.0 N	175	31.5 W	3936	9.2	1003.0	3.1	360

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.724	9.724	32.9383	25.385	25.411	29.899	34.308	38.620	42.841	257.6	0.00	1486.7
2	9.722	9.722	32.9378	25.385	25.411	29.901	34.308	38.620	42.841	257.6	0.52	1486.8
4	9.721	9.721	32.9410	25.388	25.413	29.904	34.311	38.622	42.844	257.4	1.03	1486.8
6	9.723	9.722	32.9464	25.392	25.417	29.908	34.315	38.626	42.848	257.1	1.55	1486.8
8	9.714	9.713	32.9525	25.398	25.424	29.914	34.321	38.633	42.854	256.5	2.06	1486.8
10	9.694	9.693	32.9553	25.404	25.429	29.920	34.327	38.640	42.861	256.1	2.57	1486.8
12	9.653	9.651	32.9572	25.412	25.437	29.929	34.337	38.650	42.872	255.3	3.09	1486.7
14	9.614	9.613	32.9587	25.420	25.445	29.938	34.346	38.660	42.883	254.6	3.60	1486.6
16	9.593	9.591	32.9594	25.424	25.449	29.942	34.351	38.665	42.888	254.3	4.10	1486.5
18	9.583	9.581	32.9596	25.425	25.451	29.944	34.353	38.667	42.891	254.2	4.61	1486.5
20	9.575	9.573	32.9599	25.427	25.452	29.946	34.355	38.669	42.893	254.0	5.12	1486.5
22	9.565	9.562	32.9602	25.429	25.454	29.948	34.358	38.672	42.896	253.9	5.63	1486.5
24	9.542	9.539	32.9616	25.434	25.459	29.953	34.363	38.678	42.902	253.5	6.14	1486.5
26	8.119	8.116	33.0205	25.704	25.725	30.252	34.689	39.030	43.279	228.1	6.64	1481.2
28	7.088	7.086	33.0567	25.881	25.900	30.450	34.909	39.270	43.538	211.5	7.10	1477.3
30	6.264	6.261	33.0850	26.013	26.031	30.601	35.077	39.455	43.738	199.1	7.52	1474.1
35	5.490	5.487	33.1066	26.127	26.142	30.732	35.225	39.619	43.918	188.5	8.52	1471.1
40	5.107	5.104	33.1162	26.179	26.194	30.794	35.295	39.697	44.004	183.6	9.46	1469.6
45	4.914	4.911	33.1213	26.206	26.220	30.824	35.331	39.737	44.047	181.2	10.38	1468.9
50	4.855	4.851	33.1228	26.213	26.228	30.834	35.341	39.748	44.060	180.5	11.29	1468.7
60	3.182	3.179	33.1683	26.421	26.431	31.082	35.629	40.074	44.421	161.0	13.09	1461.9
70	2.878	2.874	33.1750	26.453	26.463	31.122	35.677	40.129	44.483	157.9	14.70	1460.8
80	2.568	2.564	33.2222	26.518	26.527	31.194	35.756	40.215	44.576	151.9	16.28	1459.6
90	2.481	2.476	33.2522	26.549	26.558	31.227	35.791	40.252	44.614	149.0	17.80	1459.5
100	2.357	2.352	33.2792	26.581	26.590	31.262	35.829	40.293	44.657	146.0	19.29	1459.1
120	2.029	2.023	33.2730	26.602	26.610	31.292	35.867	40.339	44.711	144.0	22.21	1458.0
140	2.077	2.069	33.3267	26.641	26.650	31.330	35.903	40.373	44.744	140.4	25.09	1458.6
160	2.262	2.253	33.3920	26.678	26.688	31.362	35.930	40.395	44.761	136.9	27.90	1459.8
180	2.490	2.480	33.4764	26.727	26.737	31.404	35.966	40.424	44.785	132.5	30.63	1461.3
200	2.901	2.889	33.5651	26.762	26.773	31.428	35.978	40.426	44.777	129.4	33.28	1463.5
225	3.198	3.184	33.6490	26.802	26.813	31.460	36.002	40.442	44.786	125.9	36.52	1465.3
250	3.363	3.347	33.7156	26.839	26.851	31.493	36.030	40.466	44.806	122.6	39.66	1466.5
275	3.416	3.398	33.7995	26.901	26.913	31.552	36.088	40.522	44.860	117.0	42.73	1467.3
300	3.466	3.447	33.8522	26.938	26.951	31.588	36.121	40.554	44.890	113.7	45.65	1468.0
325	3.501	3.480	33.8952	26.968	26.982	31.618	36.150	40.581	44.917	111.0	48.50	1468.6
350	3.510	3.487	33.9320	26.997	27.010	31.646	36.177	40.608	44.943	108.5	51.27	1469.1
375	3.520	3.495	33.9656	27.022	27.036	31.671	36.202	40.633	44.967	106.2	53.98	1469.6
400	3.510	3.483	33.9987	27.050	27.064	31.699	36.229	40.660	44.994	103.8	56.64	1470.0
450	3.467	3.437	34.0631	27.105	27.119	31.755	36.286	40.717	45.052	99.0	61.83	1470.8
500	3.430	3.396	34.1085	27.145	27.159	31.796	36.327	40.758	45.094	95.6	66.78	1471.5
550	3.378	3.341	34.1404	27.175	27.190	31.828	36.359	40.792	45.128	93.0	71.56	1472.1
600	3.304	3.264	34.1791	27.213	27.228	31.868	36.400	40.834	45.172	89.7	76.21	1472.7
650	3.237	3.194	34.2103	27.245	27.259	31.901	36.434	40.870	45.208	87.0	80.69	1473.3
700	3.178	3.132	34.2322	27.268	27.283	31.925	36.460	40.897	45.236	85.1	85.04	1473.9
750	3.124	3.074	34.2513	27.288	27.303	31.948	36.482	40.920	45.261	83.5	89.30	1474.5
800	3.070	3.017	34.2697	27.308	27.323	31.968	36.505	40.944	45.285	81.9	93.47	1475.1
850	2.985	2.929	34.2951	27.336	27.351	31.999	36.536	40.977	45.321	79.4	97.56	1475.6
900	2.891	2.831	34.3215	27.365	27.381	32.031	36.570	41.013	45.359	76.7	101.53	1476.1
950	2.825	2.762	34.3401	27.386	27.402	32.054	36.594	41.039	45.386	75.0	105.37	1476.7
1000	2.763	2.697	34.3570	27.405	27.421	32.075	36.616	41.062	45.410	73.3	109.12	1477.3

1250	2.473	2.391	34.4293	27.489	27.505	32.168	36.711	41.165	45.519	66.2	127.45	1480.3
1500	2.238	2.139	34.4823	27.551	27.568	32.238	36.785	41.244	45.603	60.9	144.01	1483.6
1750	2.036	1.919	34.5277	27.604	27.622	32.298	36.848	41.311	45.674	56.4	159.24	1487.0
2000	1.896	1.761	34.5583	27.639	27.658	32.338	36.890	41.357	45.723	53.4	173.33	1490.7
2250	1.788	1.634	34.5820	27.667	27.687	32.370	36.934	41.378	45.761	51.3	186.69	1494.5
2500	1.708	1.533	34.6000	27.687	27.708	32.395	36.959	41.404	45.788	49.8	199.51	1498.5
2750	1.653	1.457	34.6135	27.702	27.725	32.413	36.976	41.424	45.809	48.9	211.97	1502.6
3000	1.622	1.402	34.6222	27.712	27.736	32.425	36.987	41.435	45.821	48.7	224.20	1506.8
3250	1.605	1.362	34.6282	27.704	27.743	32.435	36.994	41.469	45.797	48.8	236.37	1511.1
3500	1.589	1.321	34.6337	27.710	27.751	32.443	37.000	41.476	45.804	48.8	248.56	1515.4
3750	1.576	1.282	34.6384	27.715	27.757	32.451	37.006	41.482	45.810	49.0	260.76	1519.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 111

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
111	184	28	8	1988	2044	53	31.6 N	175	31.9 W	3936	9.2	1003.4	2.8	340

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.705	9.705	32.9323	25.384	25.409	29.898	34.307	38.620	42.841	257.7	0.00	1486.7
2	9.700	9.700	32.9402	25.391	25.416	29.907	34.315	38.627	42.848	257.1	0.51	1486.7
4	9.699	9.699	32.9448	25.395	25.420	29.911	34.318	38.630	42.852	256.8	1.03	1486.7
6	9.692	9.691	32.9468	25.397	25.423	29.914	34.321	38.633	42.855	256.6	1.54	1486.7
8	9.670	9.670	32.9473	25.401	25.427	29.918	34.326	38.639	42.861	256.2	2.06	1486.7
10	9.633	9.632	32.9490	25.409	25.434	29.926	34.335	38.648	42.871	255.6	2.57	1486.6
12	9.556	9.555	32.9520	25.424	25.449	29.943	34.353	38.667	42.892	254.2	3.08	1486.3
14	9.538	9.536	32.9530	25.428	25.453	29.947	34.358	38.672	42.897	253.9	3.59	1486.3
16	9.494	9.493	32.9580	25.439	25.464	29.959	34.370	38.686	42.911	252.9	4.10	1486.2
18	9.414	9.412	32.9623	25.455	25.480	29.977	34.390	38.707	42.933	251.4	4.60	1485.9
20	9.403	9.401	32.9620	25.457	25.482	29.979	34.392	38.709	42.935	251.2	5.10	1485.9
22	9.373	9.371	32.9625	25.462	25.487	29.985	34.398	38.716	42.943	250.8	5.61	1485.8
24	9.295	9.292	32.9699	25.481	25.505	30.005	34.420	38.739	42.967	249.1	6.11	1485.6
26	9.082	9.079	32.9752	25.519	25.543	30.048	34.467	38.790	43.022	245.5	6.61	1484.8
28	8.550	8.547	33.0110	25.631	25.654	30.170	34.599	38.932	43.173	235.0	7.10	1482.9
30	7.897	7.894	33.0585	25.767	25.788	30.319	34.761	39.106	43.358	222.3	7.57	1480.5
35	5.921	5.919	33.1305	26.093	26.109	30.688	35.171	39.555	43.846	191.7	8.68	1472.9
40	4.869	4.866	33.1496	26.233	26.247	30.853	35.360	39.766	44.078	178.5	9.64	1468.7
45	3.829	3.826	33.2013	26.385	26.397	31.029	35.560	39.990	44.323	164.3	10.53	1464.5
50	3.495	3.491	33.1736	26.396	26.407	31.049	35.588	40.025	44.366	163.3	11.35	1463.1
60	3.200	3.196	33.1953	26.440	26.451	31.101	35.648	40.091	44.438	159.1	12.98	1462.0
70	2.819	2.815	33.2047	26.482	26.492	31.152	35.708	40.161	44.516	155.2	14.57	1460.5
80	2.569	2.564	33.2388	26.531	26.540	31.207	35.769	40.228	44.588	150.6	16.13	1459.7
90	2.426	2.421	33.2686	26.567	26.576	31.246	35.812	40.273	44.637	147.3	17.63	1459.2
100	2.111	2.106	33.2818	26.602	26.611	31.291	35.864	40.333	44.704	143.9	19.11	1458.0
120	2.089	2.083	33.3212	26.636	26.644	31.324	35.897	40.367	44.738	140.8	21.98	1458.3
140	2.206	2.199	33.3866	26.679	26.688	31.364	35.933	40.399	44.767	136.8	24.80	1459.3
160	2.254	2.245	33.4414	26.718	26.728	31.402	35.970	40.434	44.801	133.1	27.54	1459.9
180	2.769	2.758	33.5422	26.755	26.766	31.425	35.979	40.430	44.784	129.9	30.20	1462.6
200	3.300	3.287	33.6672	26.807	26.818	31.462	36.001	40.439	44.781	125.3	32.80	1465.4
225	3.384	3.370	33.7402	26.856	26.869	31.510	36.046	40.482	44.820	120.8	35.93	1466.2

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 112

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
112	185	29	8	1988	0511	53	30.5 N	176	33.1 E	3947	8.8	1005.4	6.0	10

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.992	9.992	32.9643	25.361	25.387	29.869	34.273	38.579	42.796	259.9	0.00	1487.8
2	9.994	9.994	32.9732	25.367	25.393	29.877	34.279	38.586	42.802	259.3	0.52	1487.8
4	9.996	9.996	32.9754	25.369	25.395	29.879	34.280	38.587	42.803	259.2	1.04	1487.8
6	10.005	10.004	32.9763	25.368	25.394	29.878	34.279	38.586	42.802	259.3	1.56	1487.9
8	9.941	9.940	32.9718	25.375	25.401	29.886	34.289	38.597	42.814	258.7	2.07	1487.7
10	9.780	9.779	32.9602	25.393	25.419	29.908	34.313	38.624	42.844	257.0	2.59	1487.1
12	9.749	9.748	32.9784	25.413	25.438	29.927	34.334	38.645	42.865	255.2	3.11	1487.1
14	9.675	9.674	32.9802	25.426	25.452	29.943	34.350	38.662	42.884	254.0	3.62	1486.8
16	9.576	9.575	33.0084	25.465	25.490	29.983	34.392	38.706	42.929	250.4	4.12	1486.5
18	9.454	9.452	33.0061	25.483	25.508	30.004	34.415	38.731	42.957	248.7	4.63	1486.1
20	9.429	9.427	33.0041	25.486	25.510	30.007	34.419	38.735	42.961	248.5	5.12	1486.1
22	9.046	9.044	32.9946	25.540	25.564	30.069	34.489	38.812	43.045	243.4	5.62	1484.6
24	8.626	8.624	33.0108	25.619	25.642	30.156	34.584	38.915	43.155	236.1	6.11	1483.1
26	7.735	7.732	32.9966	25.742	25.762	30.298	34.744	39.092	43.348	224.6	6.58	1479.7
28	6.843	6.841	33.0217	25.887	25.905	30.462	34.926	39.292	43.565	211.0	7.03	1476.3
30	6.570	6.568	33.0430	25.940	25.958	30.521	34.991	39.363	43.640	206.0	7.45	1475.3
35	5.710	5.707	33.0736	26.074	26.090	30.675	35.163	39.552	43.847	193.4	8.48	1471.9
40	4.577	4.574	33.1310	26.251	26.264	30.878	35.391	39.805	44.122	176.9	9.45	1467.4
45	4.197	4.194	33.1428	26.301	26.313	30.937	35.460	39.881	44.207	172.2	10.33	1465.9
50	3.792	3.789	33.1426	26.342	26.354	30.988	35.520	39.951	44.285	168.4	11.19	1464.3
60	3.148	3.145	33.1504	26.410	26.420	31.072	35.620	40.065	44.413	162.0	12.88	1461.7
70	3.076	3.072	33.1493	26.415	26.426	31.079	35.629	40.076	44.426	161.5	14.50	1461.6
80	2.777	2.773	33.1972	26.480	26.490	31.151	35.708	40.162	44.518	155.5	16.11	1460.5
90	2.535	2.530	33.2202	26.519	26.528	31.196	35.759	40.219	44.580	151.8	17.67	1459.6
100	2.366	2.361	33.2435	26.551	26.561	31.233	35.800	40.264	44.629	148.8	19.18	1459.1
120	2.023	2.017	33.2551	26.588	26.596	31.279	35.854	40.326	44.699	145.3	22.16	1457.9
140	1.460	1.453	33.2465	26.622	26.630	31.328	35.919	40.404	44.790	142.0	25.07	1455.8
160	1.629	1.621	33.2747	26.633	26.641	31.334	35.920	40.401	44.783	141.1	27.91	1456.9
180	1.561	1.552	33.2948	26.654	26.662	31.357	35.944	40.427	44.810	139.1	30.73	1456.9
200	1.782	1.772	33.3594	26.690	26.698	31.386	35.967	40.444	44.821	135.9	33.51	1458.3
225	2.883	2.870	33.5552	26.756	26.767	31.423	35.973	40.422	44.773	130.1	36.91	1463.8
250	3.428	3.412	33.6895	26.812	26.824	31.464	36.000	40.435	44.773	125.2	40.16	1466.8
275	3.617	3.598	33.7694	26.857	26.870	31.504	36.035	40.465	44.798	121.2	43.29	1468.1
300	3.564	3.544	33.8239	26.905	26.919	31.554	36.085	40.516	44.850	116.7	46.32	1468.4
325	3.575	3.553	33.8650	26.937	26.951	31.585	36.115	40.545	44.879	114.0	49.24	1468.9
350	3.557	3.534	33.8938	26.962	26.975	31.610	36.140	40.571	44.905	111.8	52.08	1469.3
375	3.522	3.497	33.9222	26.988	27.002	31.637	36.168	40.599	44.933	109.5	54.88	1469.6
400	3.506	3.479	33.9554	27.016	27.030	31.665	36.196	40.627	44.962	107.1	57.62	1469.9
450	3.522	3.492	34.0143	27.061	27.075	31.710	36.239	40.670	45.004	103.2	62.97	1470.9
500	3.484	3.450	34.0664	27.106	27.121	31.756	36.286	40.717	45.051	99.3	68.13	1471.7
550	3.446	3.409	34.1087	27.143	27.158	31.795	36.324	40.756	45.091	96.1	73.09	1472.4
600	3.368	3.328	34.1401	27.176	27.191	31.829	36.360	40.793	45.130	93.3	77.90	1472.9
650	3.320	3.276	34.1733	27.207	27.222	31.862	36.393	40.827	45.164	90.7	82.56	1473.6
700	3.257	3.210	34.2036	27.237	27.253	31.893	36.426	40.861	45.200	88.1	87.09	1474.2
750	3.197	3.147	34.2284	27.263	27.278	31.921	36.454	40.890	45.230	85.9	91.50	1474.8
800	3.130	3.077	34.2523	27.288	27.304	31.948	36.482	40.920	45.261	83.8	95.79	1475.4
850	3.066	3.009	34.2747	27.312	27.328	31.974	36.509	40.948	45.290	81.8	99.98	1476.0
900	2.997	2.937	34.2937	27.333	27.349	31.997	36.534	40.974	45.318	79.9	104.07	1476.5
950	2.934	2.871	34.3110	27.353	27.369	32.019	36.556	40.998	45.343	78.3	108.07	1477.1
1000	2.860	2.793	34.3313	27.376	27.392	32.043	36.583	41.026	45.372	76.3	111.98	1477.7

1250	2.538	2.456	34.4124	27.469	27.486	32.148	36.689	41.141	45.494	68.2	131.06	1480.6
1500	2.254	2.155	34.4797	27.547	27.565	32.234	36.781	41.239	45.598	61.3	148.11	1483.6
1750	2.052	1.935	34.5248	27.600	27.618	32.294	36.843	41.306	45.669	56.7	163.43	1487.1
2000	1.912	1.777	34.5558	27.636	27.655	32.334	36.886	41.352	45.718	53.8	177.62	1490.7
2250	1.792	1.637	34.5815	27.666	27.686	32.370	36.934	41.377	45.759	51.4	191.07	1494.5
2500	1.711	1.536	34.5999	27.687	27.708	32.394	36.958	41.404	45.788	49.9	203.91	1498.5
2750	1.652	1.456	34.6141	27.703	27.725	32.414	36.977	41.424	45.809	48.9	216.39	1502.6
3000	1.617	1.398	34.6231	27.713	27.737	32.426	36.988	41.437	45.822	48.5	228.61	1506.8

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 112

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
112	186	29	8	1988	0840	53	26.2 N	176	38.5 E	3940	9.3	1008.0	7.1	343

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.616	9.616	32.8814	25.359	25.384	29.875	34.287	38.601	42.824	260.1	0.00	1486.3
2	9.615	9.615	32.8737	25.353	25.378	29.872	34.281	38.595	42.818	260.7	0.52	1486.3
4	9.616	9.615	32.8810	25.359	25.384	29.877	34.287	38.601	42.824	260.2	1.04	1486.3
6	9.613	9.613	32.8966	25.371	25.396	29.890	34.299	38.613	42.836	259.1	1.56	1486.4
8	9.607	9.606	32.9056	25.380	25.405	29.898	34.307	38.621	42.845	258.3	2.08	1486.4
10	9.587	9.586	32.9064	25.383	25.408	29.902	34.312	38.626	42.850	258.0	2.60	1486.4
12	9.533	9.531	32.9117	25.397	25.421	29.916	34.327	38.642	42.867	256.8	3.11	1486.2
14	9.361	9.360	32.9254	25.435	25.460	29.958	34.372	38.691	42.918	253.2	3.63	1485.6
16	9.238	9.236	32.9236	25.454	25.478	29.979	34.396	38.716	42.946	251.5	4.13	1485.2
18	8.982	8.980	32.9601	25.523	25.547	30.054	34.475	38.800	43.034	245.0	4.64	1484.3
20	8.776	8.774	32.9365	25.537	25.561	30.072	34.497	38.826	43.064	243.7	5.13	1483.5
22	8.022	8.020	33.0231	25.720	25.742	30.270	34.710	39.052	43.303	226.5	5.61	1480.8
24	7.928	7.926	33.0158	25.729	25.750	30.280	34.722	39.067	43.319	225.8	6.07	1480.5
26	7.782	7.780	33.0150	25.749	25.770	30.304	34.749	39.096	43.352	223.9	6.52	1479.9
28	7.310	7.308	32.9975	25.803	25.823	30.369	34.823	39.180	43.444	218.8	6.97	1478.1
30	5.884	5.881	33.1042	26.077	26.093	30.673	35.157	39.542	43.834	193.1	7.40	1472.6
35	5.280	5.277	33.1344	26.174	26.189	30.784	35.282	39.679	43.982	184.0	8.37	1470.3
40	4.771	4.768	33.1512	26.245	26.259	30.867	35.377	39.785	44.098	177.4	9.29	1468.3
45	4.704	4.701	33.1896	26.283	26.297	30.906	35.417	39.827	44.141	173.8	10.18	1468.1
50	4.139	4.135	33.1528	26.315	26.327	30.952	35.476	39.899	44.226	170.9	11.05	1465.8
60	4.105	4.101	33.2026	26.358	26.370	30.995	35.520	39.943	44.270	166.9	12.76	1465.9
70	3.765	3.761	33.2499	26.430	26.442	31.076	35.608	40.038	44.372	160.2	14.42	1464.7
80	3.134	3.129	33.2416	26.483	26.494	31.145	35.693	40.138	44.486	155.1	16.03	1462.1
90	3.033	3.027	33.2541	26.503	26.513	31.167	35.717	40.164	44.515	153.4	17.58	1461.9
100	3.025	3.019	33.2877	26.530	26.541	31.194	35.744	40.192	44.542	150.8	19.11	1462.0
120	3.432	3.425	33.3762	26.562	26.574	31.217	35.755	40.192	44.533	147.9	22.13	1464.2
140	3.953	3.944	33.4985	26.608	26.621	31.248	35.773	40.198	44.526	143.8	25.09	1466.9
160	2.840	2.830	33.4295	26.659	26.670	31.328	35.881	40.332	44.685	138.9	27.96	1462.4
180	2.237	2.227	33.4044	26.690	26.700	31.375	35.943	40.408	44.775	135.9	30.74	1460.1
200	2.626	2.614	33.4764	26.715	26.726	31.389	35.947	40.402	44.760	133.7	33.46	1462.2
225	2.770	2.757	33.5348	26.749	26.760	31.420	35.973	40.424	44.778	130.6	36.80	1463.3

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 113

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
113	187	29	8	1988	2320	53 11.2 N	177 11.7 W	3762	9.7	1008.6	8.6	292

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.196	9.196	33.0037	25.523	25.547	30.047	34.466	38.786	43.016	244.6	0.00	1484.9
2	9.197	9.197	32.9858	25.509	25.533	30.035	34.452	38.773	43.002	246.0	0.49	1484.9
4	9.198	9.197	32.9848	25.508	25.532	30.034	34.451	38.772	43.001	246.1	0.98	1484.9
6	9.197	9.196	32.9800	25.505	25.528	30.030	34.447	38.768	42.998	246.5	1.48	1484.9
8	9.193	9.192	32.9800	25.505	25.529	30.031	34.448	38.769	42.999	246.5	1.97	1484.9
10	9.186	9.185	32.9800	25.506	25.530	30.032	34.449	38.770	43.001	246.4	2.46	1485.0
12	9.180	9.179	32.9799	25.507	25.531	30.033	34.451	38.772	43.002	246.4	2.95	1485.0
14	9.180	9.178	32.9796	25.507	25.531	30.033	34.450	38.772	43.002	246.4	3.45	1485.0
16	9.171	9.169	32.9801	25.509	25.533	30.035	34.453	38.774	43.004	246.3	3.94	1485.0
18	9.161	9.159	32.9807	25.511	25.535	30.038	34.455	38.777	43.007	246.1	4.43	1485.0
20	9.155	9.153	32.9813	25.512	25.536	30.039	34.457	38.778	43.009	246.0	4.92	1485.0
22	9.133	9.130	32.9875	25.521	25.545	30.048	34.466	38.788	43.019	245.3	5.42	1485.0
24	9.094	9.091	32.9996	25.536	25.560	30.064	34.483	38.805	43.037	243.8	5.91	1484.9
26	9.061	9.058	33.0069	25.547	25.571	30.076	34.495	38.818	43.050	242.8	6.40	1484.8
28	9.002	8.999	33.0216	25.568	25.592	30.098	34.518	38.842	43.075	240.9	6.88	1484.6
30	8.928	8.925	33.0331	25.589	25.613	30.120	34.542	38.867	43.101	239.0	7.36	1484.4
35	8.773	8.769	33.0603	25.635	25.658	30.169	34.593	38.921	43.158	234.7	8.56	1483.9
40	8.383	8.379	33.1572	25.771	25.793	30.312	34.744	39.079	43.322	222.0	9.73	1482.6
45	5.132	5.129	33.2000	26.243	26.257	30.856	35.356	39.757	44.062	177.6	10.84	1469.9
50	4.664	4.661	33.2095	26.303	26.317	30.927	35.439	39.849	44.164	172.0	11.73	1468.1
60	4.321	4.317	33.2511	26.373	26.386	31.006	35.525	39.943	44.265	165.4	13.45	1466.8
70	4.105	4.100	33.2789	26.418	26.431	31.055	35.579	40.002	44.328	161.3	15.10	1466.1
80	3.739	3.734	33.2910	26.465	26.477	31.111	35.644	40.074	44.409	156.9	16.72	1464.8
90	3.469	3.463	33.3015	26.500	26.511	31.152	35.691	40.128	44.469	153.7	18.28	1463.8
100	3.494	3.488	33.3353	26.524	26.536	31.176	35.714	40.150	44.490	151.4	19.82	1464.1
120	3.131	3.124	33.3460	26.567	26.578	31.228	35.775	40.219	44.566	147.5	22.85	1462.9
140	3.207	3.198	33.3755	26.583	26.594	31.243	35.787	40.229	44.575	146.0	25.80	1463.6
160	3.009	2.999	33.3835	26.608	26.619	31.272	35.821	40.268	44.618	143.8	28.72	1463.1
180	3.209	3.198	33.4388	26.633	26.645	31.292	35.836	40.278	44.623	141.5	31.60	1464.3
200	3.504	3.491	33.5181	26.668	26.681	31.319	35.855	40.290	44.628	138.4	34.43	1466.0
225	3.381	3.367	33.5555	26.710	26.722	31.365	35.902	40.339	44.680	134.6	37.89	1466.0
250	3.599	3.583	33.6410	26.757	26.770	31.405	35.937	40.369	44.703	130.5	41.25	1467.4
275	3.677	3.658	33.7025	26.798	26.811	31.444	35.974	40.403	44.735	126.8	44.51	1468.3
300	3.664	3.644	33.7635	26.848	26.861	31.494	36.023	40.452	44.784	122.3	47.68	1468.7
325	3.616	3.594	33.7984	26.880	26.894	31.528	36.057	40.487	44.821	119.4	50.74	1469.0
350	3.644	3.621	33.8507	26.919	26.933	31.566	36.094	40.523	44.855	115.9	53.72	1469.6
375	3.664	3.639	33.8952	26.952	26.966	31.598	36.125	40.554	44.885	113.0	56.62	1470.1
400	3.632	3.605	33.9340	26.986	27.000	31.633	36.160	40.589	44.921	109.9	59.45	1470.4
450	3.594	3.563	33.9926	27.037	27.051	31.684	36.212	40.641	44.973	105.5	64.94	1471.2
500	3.515	3.481	34.0447	27.086	27.100	31.735	36.264	40.695	45.028	101.2	70.22	1471.8
550	3.457	3.420	34.0846	27.123	27.138	31.775	36.304	40.735	45.070	98.0	75.28	1472.4
600	3.381	3.341	34.1237	27.162	27.177	31.814	36.345	40.778	45.115	94.6	80.18	1473.0
650	3.326	3.283	34.1564	27.193	27.208	31.848	36.379	40.813	45.150	92.0	84.91	1473.6
700	3.246	3.199	34.1912	27.228	27.244	31.885	36.418	40.853	45.192	88.9	89.51	1474.1
750	3.175	3.124	34.2208	27.259	27.274	31.918	36.451	40.888	45.228	86.3	93.95	1474.7
800	3.093	3.040	34.2484	27.288	27.304	31.949	36.485	40.923	45.265	83.7	98.27	1475.2
850	3.021	2.964	34.2745	27.316	27.332	31.979	36.515	40.955	45.298	81.3	102.45	1475.8
900	2.950	2.890	34.2969	27.340	27.356	32.005	36.543	40.985	45.329	79.2	106.52	1476.3
950	2.877	2.814	34.3187	27.364	27.380	32.031	36.570	41.013	45.359	77.1	110.48	1476.9
1000	2.818	2.752	34.3360	27.384	27.400	32.052	36.592	41.037	45.384	75.5	114.33	1477.5

1250	2.518	2.435	34.4148	27.473	27.490	32.152	36.694	41.147	45.500	67.8	133.20	1480.5
1500	2.244	2.145	34.4791	27.548	27.565	32.235	36.782	41.240	45.599	61.2	150.15	1483.6
1750	2.033	1.916	34.5272	27.604	27.621	32.297	36.848	41.311	45.675	56.4	165.45	1487.0
2000	1.886	1.751	34.5600	27.642	27.660	32.340	36.893	41.360	45.726	53.2	179.54	1490.6
2250	1.777	1.623	34.5843	27.670	27.689	32.373	36.937	41.381	45.764	51.0	192.84	1494.5
2500	1.699	1.525	34.6023	27.690	27.711	32.397	36.962	41.408	45.792	49.5	205.59	1498.4
2750	1.641	1.445	34.6161	27.705	27.728	32.417	36.980	41.427	45.813	48.6	217.97	1502.5
3000	1.612	1.393	34.6246	27.714	27.738	32.428	36.990	41.438	45.824	48.3	230.12	1506.7

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 113

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
113	188	30	8	1988	0325	53	10.2 N	177	13.4 W	3762	9.0	1008.2	8.4	270

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	9.128	9.128	33.0410	25.563	25.587	30.088	34.508	38.830	43.060	240.8	0.00	1484.7
2	9.144	9.144	33.0383	25.558	25.582	30.085	34.502	38.824	43.054	241.3	0.48	1484.7
4	9.115	9.114	33.0205	25.549	25.573	30.077	34.495	38.817	43.048	242.2	0.97	1484.6
6	9.110	9.110	33.0127	25.544	25.568	30.071	34.490	38.812	43.043	242.8	1.45	1484.6
8	9.110	9.109	33.0120	25.543	25.567	30.071	34.489	38.811	43.043	242.9	1.94	1484.7
10	9.087	9.086	33.0125	25.548	25.571	30.076	34.494	38.817	43.049	242.5	2.42	1484.6
12	9.065	9.064	33.0153	25.553	25.577	30.082	34.501	38.824	43.056	242.0	2.91	1484.6
14	9.049	9.048	33.0091	25.551	25.575	30.080	34.499	38.822	43.055	242.3	3.39	1484.5
16	9.017	9.016	33.0106	25.557	25.581	30.087	34.507	38.831	43.064	241.7	3.88	1484.5
18	9.012	9.010	33.0073	25.555	25.579	30.085	34.505	38.829	43.062	241.9	4.36	1484.5
20	8.988	8.986	33.0112	25.562	25.586	30.092	34.513	38.837	43.071	241.3	4.84	1484.4
22	8.965	8.962	33.0196	25.573	25.596	30.103	34.524	38.849	43.083	240.4	5.33	1484.4
24	8.876	8.873	33.0215	25.588	25.612	30.120	34.543	38.870	43.105	238.9	5.81	1484.1
26	8.677	8.674	33.0658	25.654	25.677	30.190	34.616	38.946	43.185	232.8	6.28	1483.4
28	8.370	8.367	33.0914	25.721	25.744	30.263	34.696	39.031	43.275	226.4	6.75	1482.3
30	7.978	7.975	33.1525	25.828	25.850	30.378	34.818	39.160	43.411	216.4	7.20	1480.9
35	5.205	5.203	33.6183	26.565	26.580	31.173	35.669	40.065	44.366	147.0	8.28	1470.6
40	4.368	4.366	33.2599	26.375	26.388	31.006	35.524	39.941	44.262	165.1	9.02	1466.7
45	4.323	4.320	33.2283	26.355	26.368	30.987	35.507	39.925	44.247	167.0	9.84	1466.6
50	4.189	4.185	33.2527	26.389	26.401	31.024	35.546	39.967	44.292	163.9	10.68	1466.1
60	4.023	4.019	33.2635	26.414	26.427	31.054	35.580	40.004	44.333	161.5	12.32	1465.6
70	4.020	4.015	33.3009	26.444	26.457	31.084	35.609	40.034	44.362	158.8	13.93	1465.8
80	3.976	3.971	33.3463	26.485	26.497	31.125	35.651	40.076	44.405	155.0	15.52	1465.8
90	3.796	3.790	33.3626	26.516	26.528	31.160	35.691	40.120	44.453	152.1	17.07	1465.3
100	3.708	3.701	33.3616	26.524	26.536	31.170	35.703	40.134	44.469	151.4	18.59	1465.1
120	3.106	3.099	33.3523	26.574	26.585	31.236	35.783	40.228	44.576	146.8	21.62	1462.8
140	2.762	2.754	33.3519	26.604	26.615	31.276	35.831	40.284	44.640	143.9	24.56	1461.6
160	2.887	2.878	33.3829	26.618	26.629	31.286	35.838	40.288	44.640	142.8	27.44	1462.6
180	3.025	3.014	33.4283	26.642	26.653	31.306	35.854	40.300	44.649	140.7	30.29	1463.5
200	3.456	3.443	33.5229	26.677	26.689	31.329	35.866	40.302	44.641	137.6	33.11	1465.8
225	3.638	3.623	33.5976	26.718	26.731	31.366	35.897	40.329	44.663	133.9	36.55	1467.1

R/V AKADEMIK KOROLEV CRUISE AK-47-02; STATION 113

STATION NUMBER	CTD #	DAY	MON	YEAR	TIME (Z)	LATITUDE		LONGITUDE		DEPTH (M)	AIR TEMP (C)	BAROMETER (MB)	WIND SPEED	WIND DIR
113	189	30	8	1988	2205	53	05.5 N	177	00.2 W	3744	8.1	1005.4	12.7	295

DEPTH	TEMP	THETA	SALIN	SIG-T	SIG0	SIG1	SIG2	SIG3	SIG4	ANOM	DYNHT	SVEL
0	8.917	8.917	33.0165	25.578	25.601	30.107	34.531	38.857	43.092	239.5	0.00	1483.8
2	8.918	8.918	33.0171	25.578	25.601	30.109	34.531	38.857	43.092	239.5	0.48	1483.9
4	8.919	8.919	33.0163	25.577	25.600	30.109	34.531	38.856	43.091	239.6	0.96	1483.9
6	8.919	8.919	33.0163	25.577	25.600	30.108	34.531	38.856	43.091	239.7	1.44	1483.9
8	8.917	8.916	33.0162	25.577	25.601	30.109	34.531	38.857	43.091	239.7	1.92	1484.0
10	8.917	8.915	33.0166	25.578	25.601	30.109	34.531	38.857	43.092	239.7	2.40	1484.0
12	8.916	8.915	33.0166	25.578	25.601	30.109	34.531	38.857	43.092	239.7	2.88	1484.0
14	8.916	8.915	33.0167	25.578	25.601	30.109	34.531	38.857	43.092	239.7	3.35	1484.1
16	8.916	8.915	33.0166	25.578	25.601	30.109	34.531	38.857	43.092	239.8	3.83	1484.1
18	8.916	8.914	33.0166	25.578	25.601	30.109	34.531	38.857	43.092	239.8	4.31	1484.1
20	8.916	8.914	33.0166	25.578	25.601	30.109	34.531	38.857	43.092	239.8	4.79	1484.2
22	8.915	8.913	33.0166	25.578	25.602	30.110	34.531	38.857	43.092	239.9	5.27	1484.2
24	8.913	8.910	33.0167	25.579	25.602	30.110	34.532	38.858	43.093	239.8	5.75	1484.2
26	8.910	8.907	33.0165	25.579	25.602	30.110	34.532	38.858	43.093	239.9	6.23	1484.2
28	7.941	7.938	33.0587	25.760	25.781	30.312	34.753	39.097	43.349	222.8	6.71	1480.6
30	7.271	7.268	33.0894	25.881	25.901	30.446	34.901	39.258	43.522	211.5	7.16	1478.1
35	6.867	6.864	33.1038	25.948	25.967	30.522	34.986	39.350	43.622	205.2	8.22	1476.6
40	6.750	6.746	33.1086	25.968	25.986	30.545	35.010	39.377	43.651	203.5	9.24	1476.2
45	4.202	4.199	33.2172	26.359	26.372	30.995	35.517	39.937	44.262	166.7	10.26	1466.0
50	4.028	4.025	33.2090	26.371	26.383	31.010	35.537	39.961	44.290	165.6	11.09	1465.4
60	3.753	3.749	33.2498	26.431	26.443	31.077	35.610	40.040	44.375	160.0	12.75	1464.4
70	3.627	3.623	33.2795	26.467	26.478	31.116	35.651	40.085	44.422	156.7	14.35	1464.1
80	3.509	3.504	33.2966	26.492	26.503	31.144	35.682	40.118	44.457	154.3	15.91	1463.8
90	3.376	3.370	33.2970	26.505	26.516	31.160	35.702	40.141	44.483	153.2	17.46	1463.4
100	3.255	3.249	33.3080	26.525	26.536	31.183	35.728	40.169	44.514	151.3	18.99	1463.0
120	2.600	2.594	33.2859	26.566	26.576	31.241	35.802	40.259	44.619	147.5	22.02	1460.5
140	2.544	2.536	33.3066	26.587	26.597	31.264	35.825	40.284	44.645	145.6	24.97	1460.6
160	2.453	2.444	33.3210	26.606	26.616	31.286	35.849	40.310	44.672	143.8	27.88	1460.6
180	2.690	2.679	33.3755	26.630	26.640	31.302	35.859	40.314	44.671	141.7	30.75	1462.0
200	3.023	3.011	33.4319	26.645	26.656	31.309	35.857	40.303	44.652	140.5	33.59	1463.9
225	3.510	3.495	33.5607	26.702	26.714	31.353	35.888	40.322	44.659	135.5	37.10	1466.5
250	3.736	3.719	33.6371	26.740	26.753	31.385	35.914	40.342	44.674	132.1	40.49	1468.0
275	3.742	3.724	33.6952	26.786	26.799	31.430	35.958	40.386	44.717	128.0	43.79	1468.5
300	3.696	3.676	33.7397	26.826	26.839	31.471	36.000	40.428	44.760	124.4	46.99	1468.8
325	3.715	3.694	33.7966	26.869	26.883	31.514	36.041	40.469	44.800	120.5	50.10	1469.4
350	3.694	3.670	33.8513	26.914	26.928	31.560	36.087	40.515	44.846	116.4	53.11	1469.8
375	3.656	3.631	33.8907	26.949	26.964	31.596	36.123	40.552	44.883	113.2	56.02	1470.1
400	3.634	3.607	33.9179	26.973	26.987	31.620	36.148	40.576	44.908	111.2	58.85	1470.4
450	3.613	3.583	33.9761	27.022	27.036	31.669	36.196	40.625	44.957	107.0	64.41	1471.3
500	3.518	3.484	34.0352	27.078	27.093	31.727	36.256	40.687	45.021	101.9	69.76	1471.8
550	3.448	3.411	34.0832	27.123	27.138	31.774	36.304	40.736	45.071	98.0	74.85	1472.4
600	3.361	3.321	34.1265	27.166	27.181	31.819	36.350	40.784	45.120	94.2	79.75	1472.9
650	3.308	3.264	34.1600	27.198	27.213	31.853	36.384	40.819	45.156	91.5	84.46	1473.5
700	3.239	3.192	34.1944	27.232	27.247	31.888	36.421	40.857	45.196	88.6	89.04	1474.1
750	3.173	3.123	34.2221	27.260	27.275	31.919	36.453	40.890	45.230	86.2	93.47	1474.7
800	3.109	3.056	34.2448	27.284	27.300	31.944	36.479	40.918	45.259	84.1	97.78	1475.3
850	3.040	2.984	34.2694	27.310	27.326	31.973	36.509	40.948	45.291	81.9	101.98	1475.8
900	2.982	2.922	34.2885	27.331	27.347	31.995	36.532	40.973	45.316	80.2	106.08	1476.5
950	2.896	2.832	34.3131	27.358	27.374	32.025	36.563	41.006	45.352	77.7	110.09	1477.0
1000	2.824	2.758	34.3330	27.381	27.397	32.049	36.589	41.033	45.380	75.8	113.97	1477.5

1250	2.517	2.435	34.4150	27.473	27.490	32.152	36.694	41.147	45.500	67.8	132.92	1480.5
1500	2.246	2.147	34.4785	27.547	27.564	32.234	36.781	41.240	45.599	61.3	149.86	1483.6
1750	2.025	1.909	34.5280	27.605	27.623	32.299	36.849	41.313	45.676	56.2	165.18	1486.9
2000	1.874	1.740	34.5615	27.644	27.662	32.343	36.895	41.363	45.729	52.9	179.23	1490.6
2250	1.769	1.615	34.5849	27.671	27.690	32.375	36.939	41.383	45.766	50.8	192.46	1494.4
2500	1.689	1.514	34.6031	27.691	27.712	32.399	36.964	41.410	45.794	49.4	205.17	1498.4
2750	1.636	1.440	34.6157	27.706	27.728	32.417	36.980	41.428	45.813	48.5	217.51	1502.5
3000	1.606	1.387	34.6243	27.715	27.738	32.429	36.991	41.439	45.825	48.3	229.65	1506.7